

April 28, 2021

Mr. Brock Bowles Environmental Protection Specialist State of Colorado Division of Reclamation, Mining, & Safety 1313 Sherman Street – Room 215 Denver, CO 80203

RE: Prowers Aggregate Operators, LLC. – West Farm Pit – Permit No. M-2008-078 Amendment No. 2. (AM-02) Adequacy Review #2 Response

Dear Mr. Bowles,

Prowers Aggregate Operators, LLC. (PAO) has received the Division's adequacy review #2 comments letter dated April 14, 2021. Below are the comments that were not resolved with our previous Adequacy Review #1 response, and the responses that have been provided to address the comments.

6.4.5 Exhibit E – Reclamation Plan

20) PAO has committed to install a perimeter drain if one is needed. PAO has also determined that a perimeter drain was not needed at this time. This determination was based on 3 months of water data collected in the vicinity of the proposed phase 3 & 8 slurry wall locations. However, as the slurry walls are constructed and more data is collected over time, the effects of the slurry wall on the ground water levels will be better understood. It may be determined at a later time that a perimeter drain is needed. Please describe the event or measurement that will determine when the perimeter drain is needed and installed. DRMS proposes a trigger level of +/- 2 feet deviation for 2 consecutive months from the seasonal peak/low water level for each well prior to slurry wall installation. If a different trigger measurement/event is proposed by PAO, please provide the rationale for the proposal.

<u>Response:</u> Measurement of the existing monitor wells will continue to be done on a monthly basis as well as the new monitor wells that were installed around Phase 3 and Phase 8. The groundwater model was provided to be used as a tool for the expected groundwater mounding or shadowing around the proposed slurry walls as the phases are mined. Based on the results of the ground water model there is not a need for a perimeter drain at this time. PAO agrees with the proposed trigger level of +/- 2 feet deviation for 2 consecutive months from the seasonal peak/low water level for each monitor well prior to slurry wall installation.

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6.4.7 Exhibit G – Water Information

24) The ground water model submitted for review utilized 3 months of data for monitor wells adjacent to proposed Phase 3 & 8 slurry walls. Although 3 months of background data is less than ideal, the Division understands that collecting data may have been challenging before the permit amendment process began. PAO has committed to a phased approach to install future monitoring wells 3-4 months prior to future slurry wall construction. In the Division's experience, 3-4 months of ground water data is insufficient to understand the full effects of a slurry wall because it does not capture seasonal fluctuations over the course of the entire water year. Therefore, please commit to 5 quarters of monthly ground water data and an updated ground water model submitted to the Division prior to construction of each slurry wall after phases 3 & 8. DRMS will also require PAO to install monitoring wells along the south side of the proposed operation as soon as possible. These well locations are needed to collect as much background data prior to slurry wall installation as possible, as well as monitor for the potential off-site shadowing impacts shown in the provided model after the proposed slurry walls are installed.

Response: PAO commits to installing 5 additional monitor wells along the south side of the proposed operation (along Phases 5, 6, and 7) and will install these monitor wells once approval of the AM-02 is obtained. Please see the attached map for the proposed locations of the 5 additional monitor wells. PAO also commits to installing future monitor wells 15 months in advance of constructing slurry walls for Phases 4. 5, 6, 7, and 9. The ground water model can be updated if necessary based on the monitor well data collected over time for the existing monitor wells around Phases 1, 2,3, and 8 as well as the additional 5 monitor wells along the south side of the permit if the data is different than the forecasted elevations from the ground water model.

26-A) Almost the entire proposed mining area is within the 100 year flood plain and parts of Phases 1 and 6 are in the 100 year floodway. PAO provided data and justification in AM-01 concluding that "no riverside or pit side protection is needed." Please clarify if the data and justification provided in AM-01 is applicable to the mining plan proposed in AM-02.

Response: The same justification is also applicable to AM-02 as per the Urban Drainage and Flood Control District criteria as shown in their guidance document "Technical Review Guidelines for Gravel Mining & Water Storage Activities Within or Adjacent to 100-Year Floodplains", pits adjacent to unstable alignment rivers that have riverside berms in excess of 400 feet do not require riverside (slope armoring) or pitside (slope armoring and/or side channel spillways) bank protection (Section 2.6.1 of the guidance document). The closest distance/berm width from the top of the north mining slope (in Phase 5) to the south river bank is approximately 680 feet which is much greater than 400 feet. No riverside or pit side protection is needed for the pit and therefore no Technical Revision to the permit will be necessary. Any minor erosion to the pit slopes that may occur during a flood event will be immediately repaired. Any flood flows that enter and are detained in the pit, or reservoir after the pit is reclaimed, will be pumped back to the river after the flood event is over, and after any sediment settles from the water. The pertinent sections from the guidance document are attached for your reference.

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6.4.12 Exhibit L – Reclamation Costs

29) The acres recorded on the Reclamation Cost Summary chart are not consistent with the Summary of Unit Costs worksheets and acreages listed on Maps in Exhibit C. Please update the acreages for consistency.

Response: The acreages have been updated so they match in the summary chart and the summary of unit cost worksheets as well as the map provided for showing the acreages that are bonded for disturbance. Updated Exhibit L narrative and Exhibit L Reclamation Phasing maps are attached to show the areas of disturbance. The areas of disturbance do not match the acreage of the phases shown on the mining plan maps because the mining phase areas are the areas within the mining limits only. There are areas outside the mining limits being bonded for because they are affected areas within the permit boundary. As you review the acreages and acreage credits for the phased bonding you will see the credits do match the acreages that are bonded for initially as those are the total surface disturbance that occurs before that phase is mined. Once that phase is bonded for the slurry wall and being mined, then the surface disturbance acres go down and are credited back because the area inside the mining limit is lined and creating water storage within the slurry wall, and only the acreages above (exterior to) the water surface get revegetated. Please refer to the updated Exhibit L narrative and Exhibit L – Reclamation Phasing maps for clarifications.

30) In phases 7 & 9 acres were credited to these tasks, lowering the cost of the task. The source of the credit is labeled as 'credit from above' but it is unclear where above is. The number of acres credited is greater than the number of acres in the phase being restored. Please clarify the source of the credits and explain why the number of acres credited is greater than the acres in the phase.

Response: See Response to 29.

- 31-A) During the Feb 19 inspection, it was noted that several large overburden stockpiles were placed west of the scale house. PAO said these stockpiles will be used for the highway realignment project that has been proposed to go through the permit area between phases 8 & 9. CDOT submitted the grant proposal for the realignment project to the U.S.-DOT in April 2016. The status and timing of the project is unknown at this time. According to Rule 4.2.1(4), the Division sets the reclamation bond to not exceed the cost of fully reclaiming all lands affected in said year and all previous years. Since there is no clear timeline when the stockpiled material will be used or sold as a product, the stockpiles need to be bonded for disposal. Please submit the following information so an accurate cost estimate can be calculated:
 - a) An estimate of the projected volume of material that will be stored west of the scale house,
 - b) Acreage of the area disturbed for the stockpiles.

Response: a) PAO has surveyed the overburden stockpiles and the amount of material is 370,000 CY. We project there will be another 50,000 CY stockpiled for a total of 420,000 CY. As we discussed, PAO will be filling Phase 8 with the overburden material as we get mined down to the bottom of Phase 8. Also recognize that PAO does sell overburden material to other clients and it continues

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to do so. There will be material that leaves these stockpile areas that is sold but it is at a slower rate than the construction aggregates. PAO will continue to revisit the amount of overburden as mining continues as we have previously discussed and commits to placing this material back in mined out areas if it cannot be sold. If the CDOT project does move forward and utilizes the material in the stockpiles. or another entity purchases materials, PAO would ask that the bond be reduced at that time. Please refer to the updated Reclamation Bond Estimate Calculations that include the volume in the stockpiles and the cost for moving this material into a mined area below grade. b) The acreage for the area disturbed by the stockpiles has already been included in the bond calculations for Phases 7 and 9.

6.4.19 Exhibit S – Permanent Man-made Structures

- 33) The following structure agreements were not included in the AM-02 application and were not found in the previous amendment application:
 - a. Item Resolved
 - b. Item Resolved
 - c. Inman Fence
 - d. Item Resolved
 - e. Item Resolved

<u>Response:</u> c.) This agreement was included and we also provided the certified mail receipt. Both are attached for reference. The agreement has not been returned by Inman, however the fence is located on the west side of the existing power line and the Lamar Canal. Per the slope stability analysis, the power line offset to the mining limit is 60 feet with calculated factors of safety of greater than the factors of safety required by the MLRB for all static and pseudo-static conditions. The Lamar Canal and the Inman fence have larger offsets from the mining limit (90 feet and 175 feet respectively), therefore have larger factors of safety than the power line cases and the mining activities will not cause damage to these structures.

34) The structure agreement with Prowers County Road Dept. is from 2018 and covers the sections of CR HH.5 and HH 8/10 that are in the current permit area. CR HH 8/10 and CR 11 are within the proposed AM-02 permit area. A structure agreement needs to be submitted that addresses these sections of road.

<u>Response:</u> A structure agreement was provided to Prowers County to amend the existing agreement and a copy was provided to the DRMS. See the attached agreement that was provided to Prowers County. PAO received an email response back from the Prowers County attorney that CR HH8/10 has been vacated. Please see the attached email response. PAO is waiting for Prowers County to revise the agreement with an updated figure to reflect only CR HH.5 and CR 11 are included in the agreement and sign the revised agreement. As soon as we receive the signed amendment agreement back it will be provided to the DRMS.

40) The operator is committing to the slope stability monitoring recommendations outlined on page 9 of the J&T Consulting, Inc. report. These commitments will be added to the terms and conditions of the permit upon final approval of the permit.

Response: Acknowledged.

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We have also provided responses and information to Mr. Nunnery's objection letter in regard to the existing wells he owns and his concerns with dust. Please find attached the first response dated February 17, 2021 to Mr. Nunnery's attorney that provided some questions on permit number information and proposed monitoring of the existing wells, information on his concerns with dust and working with him to mitigate the dust issues, and information on slurry walls constructed around each pit cell. A second response dated March 18, 2021 documented information on one of the existing wells that we were able to find information on from the State's groundwater well database as well as working with him to mitigate the dust issues with Roy Cue who is the PAO Site Superintendent. A response from Mr. Nunnery's attorney was received back on March 23, 2021 directing PAO to communicate with Mr. Nunnery directly.

Mr. Cue has had several phone conversations with Mr. Nunnery since March 23, 2021 on what he would like to do regarding the wells and if they could be monitored as well as mitigation of the dust based on the watering of piles and roads at the frequency PAO currently does. PAO met with Mr. Nunnery again on April 22, 2021 via conference call to discuss his issues and what PAO could address based on his objection letter to the DRMS. Monitoring wells was discussed and PAO agreed to monitor them monthly. Dust concerns were discussed and PAO indicated they would continue doing what they do per their permit requirements and offered to sweep Mr. Nunnery's parking area at the warehouse south of the railroad tracks when needed. Withdrawal of Mr. Nunnery's objection was also discussed and Mr. Nunnery indicated his attorney needed to finish reviewing the permit information and then he would let us know.

Roy Cue and J.C. York met with Mr. Nunnery and his son on April 23, 2021 to locate each existing well and measured the depth to the water surface for four existing wells. After location of the wells more investigation was completed using the State's groundwater well database. All four wells were found in the data base and all four wells are completed in the Dakota formation/aquifer which means there is not a connection between the aquifer the gravel pit cells are within and the wells (see attached well location map, depth to water surface measurement spreadsheet, and state well record information). The alluvial aguifer is between 25 feet and 70 feet deep from the surface in the gravel pit area and approximately 30 feet from the surface where the existing Nunnery wells are located. The Dakota formation/aquifer is approximately 170 feet deeper (200 feet from the surface) and is separated by shale bedrock which is impervious where no connection can exist between the alluvial aquifer and the Dakota formation/aquifer. An e-mail was sent to Mr. Nunnery on April 27, 2021 with all of this information for reference (see attached).

Thank you for your consideration of our responses to the comments. Please feel free to contact me with any questions or if you need additional information.

Sincerely,

J.C. York. P.E

J&T Consulting, Inc.

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Attachments:

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- 1. West Farm Monitoring Well Location Map
- 2. Excerpts from "Technical Review Guidelines for Gravel Mining & Water Storage Activities Within or Adjacent to 100-Year Floodplains" by Urban Drainage & Flood Control District.
- 3. Exhibit L Narrative
- 4. Exhibit L Reclamation Phasing Maps
- 5. Reclamation Bond Estimate Calculations and Earthwork Quote from Carrigan Excavating, LLC
- 6. Structure Agreement Barr H Inman and certified mail receipt
- 7. Prowers County Road Department Agreement for Use and Maintenance of County Roads sent to Prowers County for Amendment
- 8. Email response from Prowers County attorney regarding status of County Road HH.8 vacation
- 9. 1st Letter Response to Mr. Nunnery's Attorney
- 10. 2nd Letter Response to Mr. Nunnery's Attorney
- 11. Response Letter from Mr. Nunnery's Attorney
- 12. E-mail Response to Mr. Nunnery on Existing Well Measurements, Location Map, and Well Information





URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

TECHNICAL REVIEW GUIDELINES FOR GRAVEL MINING & WATER STORAGE ACTIVITIES

Within or Adjacent to 100-Year Floodplains

Prepared in Cooperation with Adams County

Project Consultant Wright Water Engineers, Inc.



January 2013

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face of lateral berms are to be stabilized and protected using the methods proposed in Section 2.4—Pitside Bank Protection.

Riprap, soil riprap, soil cement and grouted boulders are all viable options for reinforcing both Type A and Type B lateral berms. These methodologies are to comply with the requirements of Section 2.4.1—Riprap, 2.4.2—Soil Riprap, 2.4.3—Soil Cement and 2.4.4—Grouted Boulders, respectively. The general geometric characteristics of lateral berm protection will conform to the individual details for the selected method of protection except that the protection needs to extend to bedrock or 3 feet below the pit floor.

2.5.4 Spillway for Type A Lateral Berms

A spillway will only be allowed for Type A lateral berm protection. The existing or future arterial road crossing associated with Type B lateral berms renders the spillway approach infeasible. The required length of the spillway for Type A lateral berms along the South Platte River will be determined using the following equation:

$$L_{s1} = 2,500/H^{1.5}$$

In which,

 L_{s1} = length of lateral berm spillway

H = height between top of berm and spillway crest

2.6 Berm-Top Width—Riverbank Berms

This section specifies the minimum top width for berms located adjacent to the South Platte River and subject to these Guidelines. The top-width requirements are specified to protect the berms from rapid failure during 100-year floods with overtopping lengths of time of two days duration. Such failure may result in the South Platte River flowing through the adjacent gravel pits causing the thalweg to drop, creating riverbed headcutting, resulting in loss of the river corridor and subsequently damaging property along the river. The berm-top width requirements consider longterm stability and safety along the South Platte River along with emergency equipment access and staging of emergency repair work, regional trails and the need to maintain a suitable Denver Metropolitan river corridor for multiple uses. Localized damages to the berms may result during large floods and may require periodic repair and maintenance.

The top widths are broken into two classifications, one for an unprotected river bank and one for protected river banks. Unless otherwise indicated, the requirements of Sections 2.3—Riverbank Protection and 2.4—Pitside Bank Protection constitute adequate bank protection.

The top widths are expressed as the distance between the top of the riverbank slope to the top of the pitside slope. The area between these two tops of slopes should be no steeper than 3 percent and as a minimum have a stand of vegetation that resembles the native vegetation along the site with reasonable closeness.

2.6.1 Existing Unstable Alignment

When the river is allowed to maintain an existing unstable alignment, and no bank protection is provided beyond the necessary revegetation, the minimum allowable top width of riverside berms will be 400 feet. This is the maximum setback requirement imposed on gravel mining operators.

When the river is maintained in an existing unstable alignment and the riverbank is protected in accordance with the requirements of Section 2.3—Riverbank Protection, the minimum allowable top width for the riverside berm will be 250 feet.

When the river is left in an existing unstable alignment and no riverbank protection is provided, but pitside slope protection is provided in accordance with the requirements of Section 2.4—Pitside Bank Protection, the allowable minimum top width will be 300 feet.

When the river is maintained in its existing unstable alignment and protection is provided for both the riverbank and the pitside slope in accordance with Sections 2.3—Riverbank Protection and 2.4—Pitside Bank Protection, the allowable minimum top width of the riverside berm will be 150 feet.

2.6.2 Master Plan Alignment and Minimum Maintenance Alignment

The Master Plan alignment and the minimum maintenance alignment are two cases in which the alignment of the river is predetermined and riverside bank stabilization is provided. The Master Plan alignment is mostly a modification of the existing alignment and is intended to reconcile the geometric requirements, property line constraints and constraints imposed by the existing river alignment.

Bank stabilization for the Master Plan alignment and the minimum maintenance alignment will be in accordance with those methodologies presented in Section 2.3—Riverbank Protection. For the Master Plan alignment, the various acceptable types of bank stabilization are presented in the Master Plan drawings and differ slightly from the requirements specified in Section 2.1—Types of River Alignment and 2.2—Revegetation of Berms. The principal differentiation is in the required stabilization scheme.

When the requirements of the Master Plan alignment or the minimum maintenance alignment are adhered to and, in addition to complying with the requirements for river bank stabilization, the pitside slope of riverside berms are stabilized in accordance with Section 2.4—Pitside Bank

Table 2.1 Riverbank Berm-Top Width

Area Stabilized	Alignment	Type of Stabilization	Minimum Top Width (ft)
None	2.1.1—Existing unstable	None	400
Riverbank Only	2.1.1—Existing unstable	2.3—Riverbank Protection 2.3.1—Riprap 2.3.2—Soil Riprap 2.3.3—Jetties (Groins)	250
	2.1.2—Master Plan	2.3—Riverbank Protection 2.3.1—Riprap 2.3.2—Soil Riprap 2.3.3—Jetties (Groins)	200
	2.1.3—Minimum maintenance	2.3—Riverbank Protection 2.3.1—Riprap 2.3.2—Soil Riprap 2.3.3—Jetties (Groins)	200
Pitside Bank Only	2.1.1—Existing unstable	 2.4—Pitside Bank Protection 2.4.1—Riprap 2.4.2—Soil Riprap 2.4.3—Soil Cement 2.4.4—Grouted Boulders 2.4.5—Side Channel Spillway 	300
Riverbank and Pitside Bank	2.1.1—Existing unstable	2.3—Riverbank Protection and 2.4—Pitside Bank Protection	150
	2.1.2—Master Plan	2.3—Riverbank Protection and 2.4—Pitside Bank Protection	100
	2.1.3—Minimum maintenance	2.3—Riverbank Protection and 2.4—Pitside Bank Protection	100



Reclamation Cost

Slurry walls have been constructed around Phases 1 and 2, and have been tested to ensure they meet the performance standard in the "State Engineer Guidelines for Lining Criteria for Gravel Pits". See the attached approval letters from the State of Colorado Division of Water Resources. Phase 8 will be the next area where a slurry wall will be constructed, then Phase 3 Phase 4, Phase 5, and Phase 6. Phases 7-9 will be mined after Phase 6 but the order in which these phases are mined is not determined at this time.

The financial warranty required for each phase of mining includes cost components for the areas of scarification of ground, topsoil placement, and revegetation required for that phase.

Direct costs related to the construction of the reclamation components that have been included in the financial warranty calculations include: Backfill placement, moving stockpiled material to below grade mined area, scarifying disturbed ground surfaces, re-applying topsoil over disturbed areas, revegetating disturbed areas, slurry wall construction, and contractor mobilization. The slurry wall costs are based on the average depth of the wall to calculate the per lineal foot cost.

Overhead, profit, and project management costs were then calculated and added to the direct construction costs to arrive at the required financial warranty for each phase.

The financial warranty for all north mining phases and all disturbed areas has been calculated for the maximum anticipated disturbed area for the mine.

Please see the attached calculations for details of the costs and quantities used to determine the financial warranty required for the mine.

The following table summarizes the financial warranty required for each phase, and the cumulative financial warranty that will be provided during any given phase.



Reclamation Cost Summary					
Phase	Disturbed	Financial	Cumulative		
	Area	Warranty	Financial		
	(acres)	Required	Warranty		
Disturbed Areas, Includes:	6.25	\$29,739	\$29,739		
Disturbed Areas West of Pit Road Adjacent to Phase 1					
Ditch to River					
Parking Area	00470	<u> </u>	<u> </u>		
Non-Mining Areas (Surface Only Activity), Includes:	294.79	\$2,033,533	\$2,063,273		
West Wash Plant, Stockpile, and Sediment Pond Area Parcel B Area					
Surface Disturbance for Stockpiles & Plant Site in Phase 7					
Surface Disturbance for Stockpiles, Sediment Ponds, and					
Scale House in Phase 9					
Mining Phase 1	41.81	\$281,621	\$2,344,894		
Mining Phase 2	84.18	\$567,832	\$2,912,725		
Mining Phase 8	42.13	\$1,175,406	\$4,088,132		
Mining Phase 3	143.46	\$4,395,381	\$8,483,513		
Mining Phase 4	258.95	\$4,400,439	\$12,883,951		
Mining Phase 5	181.46	\$2,971,945	\$15,855,896		
Mining Phase 6	212.74	\$3,632,605	\$19,488,501		
Mining Phase 7	144.66	\$2,365,611	\$21,854,112		
Mining Phase 9	108.84	\$2,688,513	\$24,542,625		





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	JA J&T Consulting, Inc.	305 Denver Avenue - Suite D	Fort Lupton, CO 80621 Ph: 303-857-6222 Fax: 303-857-6224 <i>www.j-tconsulting.com</i>
	West Farm Pit		Exhibit L3 - Reclamation Phasing Map
	Prowers Aggregate Operators. LLC.		M-2008-078
REVISIONS	No Date By Chk Description		
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LEGEND:

SEEDED AREA

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	Ø	WATER PUMP
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·		DEWATERING TRENCH



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Reclamation Bond Quantities and Costs © 2021 J&T Consulting, Inc.

Summary of Unit Costs Costs Taken from TR 5 and Amondment 1 Rond Calculation by DRMS

Costs Taken from	TR 5 and Amendment	1 Bond Calculation by DRMS	

Direct costs		Full Cost		
Backfill Placement		\$3.00	/ cyd	
Moving Stockpiled Material to Below Grade Mined Area		\$0.90	/ cyd	
Scarifying Ground		\$321.55	/ acre	
Re-applying topsoil 12" thick		\$2,541.03	/ acre	
Revegetating disturbed area		\$1,100.32	/ acre	
Mobilization		\$54,000.00	lump sum	
Slurry Wall Cost Breakdown				20% Cost
Slurry Wall Cost (30 foot average depth)		\$170	/ linear foot	\$34 / linear foot
Slurry Wall Cost (35 foot average depth)		\$198	/ linear foot	\$40 / linear foot
Slurry Wall Cost (40 foot average depth)		\$227	/ linear foot	\$45 / linear foot
Slurry Wall Cost (50 foot average depth)		\$284	/ linear foot	\$57 / linear foot
Slurry Wall Cost (60 foot average depth)		\$340	/ linear foot	\$68 / linear foot
Slurry Wall Cost (70 foot average depth)		\$397	/ linear foot	\$79 / linear foot
Overhead and Profit Costs				
Liability insurance		2.02%	of direct cost	
Performance bond		1.05%	of direct cost	
Profit		10.00%	of direct cost	
	Total Overhead Cost	13.07%	of direct cost	
Project Management				
Engineering and bidding		2.00%	of direct cost	
Management and administration		5.00%	of direct cost	
	Total Additional Cost	7.00%	of direct cost	

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Disturbed Areas West of Pit Road Adjacent to Phase 1 / Ditch to River				
Scarify Ground in Disturbed Area	3.09	ac	\$322	\$994
Topsoil Disturbed Area	3.09	ac	\$2,541	\$7,852
Revegetate Disturbed Area	3.09	ac	\$1,100	\$3,400
Parking Area				
Scarifying Ground in Disturbed Area	3.16	ac	\$322	\$1,016
Topsoil Placement in Disturbed Area	3.16	ac	\$2,541	\$8,030
Revegetate Disturbed Area	3.16	ac	\$1,100	\$3,477
		Tot	al Direct Cost	\$24,768
	Overhead a	and Profit (Cost (13.07%)	\$3,237
			Contract Cost	\$28,005
	Proje	ct Manage	ment (7.00%)	\$1,734
Financial Warranty Required For Disturbed Areas				\$29,739



West Farm Pit 4/28/2021

Reclamation Bond Quantities and Costs © 2021 J&T Consulting, Inc.

Non-Mining Areas (Surface Only Activity) (Disturbed Area = 294.79 acres)

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
West Wash Plant, Stockpile, and Sediment Pond Area	3			
Backfill Sediment Ponds	6,145	cyd	\$3.00	\$18,435
Scarifying Ground in Disturbed Area	18.24	ac	\$322	\$5,865
Topsoil Placement in Disturbed Area	18.24	ac	\$2,541	\$46,348
Revegetate Disturbed Area	18.24	ac	\$1,100	\$20,070
Parcel B Area				
Scarifying Ground in Disturbed Area	23.05	ac	\$322	\$7,412
Topsoil Placement in Disturbed Area	23.05	ac	\$2,541	\$58,571
Revegetate Disturbed Area	23.05	ac	\$1,100	\$25,362
Radial Stacker Pad Concrete Removal	1.00	LS	\$3,000	\$3,000
Stockpile and Plant Site Areas (Surface only in Phase 7)				
Scarifying Ground in Disturbed Area	144.66	ac	\$322	\$46,515
Topsoil Placement in Disturbed Area	144.66	ac	\$2,541	\$367,585
Revegetate Disturbed Area	144.66	ac	\$1,100	\$159,172
Stockpile, Sediment Pond Areas, & Scale House Area (Surface only in Phase	<u>9)</u>			
Backfill Sediment Ponds	17,655	cyd	\$3.00	\$52,965
Move Overburden Stockpile Material Into a Below Grade Mined area	420,000	cyd	\$0.90	\$378,000
Scarifying Ground in Disturbed Area	108.84	ac	\$322	\$34,998
Topsoil Placement in Disturbed Area	108.84	ac	\$2,541	\$276,566
Revegetate Disturbed Area	108.84	ac	\$1,100	\$119,759
Removal & Disposal of Conveyer Ties, Wash Screen and Head Unit Pads	1.00	ls	\$19,000	\$19,000
Mobilization	1.00	ls	\$54,000	\$54,000
		Tot	tal Direct Cost	\$1,693,623
	Overhead a	and Profit (Cost (13.07%)	\$221,357
			Contract Cost	\$1,914,980
	Proje	ct Manage	ement (7.00%)	\$118,554
Financial Warranty Required For Non-Mining Areas (Surface Only Activity)				\$2,033,533

J&T Consulting, Inc.

Prowers Aggregate Operators LLC

West Farm Pit 4/28/2021

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Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Topsoil Area Above Water Required for Phase 1	5.01	ac	\$2,541	\$12,726
Revegetate Area Above Water Required for Phase 1	5.01	ac	\$1,100	\$5,511
20% Cost of Slurry Wall on South/East side of Phase 1 (70' avg Depth)	2,725	lf	\$79	\$216,311
		Tot	al Direct Cost	\$234,547
	Overhead and Profit Cost (13.07%)			\$30,655
			Contract Cost	\$265,203
	Proje	ct Manage	ment (7.00%)	\$16,418
Financial Warranty Required For Phase 1				\$281,621

Phase 2 (Mining Limit = 75.09 acres) (Disturbed Area = 84.18 acres) (Slurry wall has been constructed and leak test approved by State)

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Active Mining Area				
Topsoil Area Above Water Required for Phase 2	6.08	ac	\$2,541	\$15,459
Revegetate Area Above Water Required for Phase 2	6.08	ac	\$1,100	\$6,694
20% Cost of Slurry Wall on Outside of Phase 2 (60' avg Depth)	6,625	lf	\$68	\$450,765
		Tot	al Direct Cost	\$472,917
	Overhead a	and Profit (Cost (13.07%)	\$61,810
			Contract Cost	\$534,728
	Proje	ct Manage	ment (7.00%)	\$33,104
Financial Warranty Required For Phase 2				\$567,832

Phase 8 (Mining Limit = 32.66 acres) (Disturbed Area = 42.13 acres)

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Active Mining Area				
Topsoil Area Above Water Required for Phase 8	6.48	ac	\$2,541	\$16,466
Revegetate Area Above Water Required for Phase 8	6.48	ac	\$1,100	\$7,130
Cost of Slurry Wall Phase 8 (35' avg Depth)	4,814	lf	\$198	\$955,338
		Tot	al Direct Cost	\$978,934
	Overhead a	and Profit (Cost (13.07%)	\$127,947
			Contract Cost	\$1,106,881
	Proje	ct Manage	ment (7.00%)	\$68,525
Additional Financial Warranty Required For Phase 8				\$1,175,406

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Prowers Aggregate Operators LLC

Reclamation Bond Quantities and Costs	
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Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Active Mining Area				
Topsoil Area Above Water Required for Phase 3	14.33	ac	\$2,541	\$36,413
Revegetate Area Above Water Required for Phase 3	14.33	ac	\$1,100	\$15,768
Cost of Slurry Wall Phase 3 (60' avg Depth)	10,607	lf	\$340	\$3,608,501
	Total Direct Cost	\$3,660,682		
	Overhead a	and Profit (Cost (13.07%)	\$478,451
			Contract Cost	\$4,139,133
	Proje	ct Manage	ment (7.00%)	\$256,248
Additional Financial Warranty Required For Phase 3				\$4,395,381

Phase 4 (Mining Limit = 237.82 acres) (Disturbed Area = 258.95 acres)

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Active Mining Area				
Topsoil Area Above Water Required for Phase 4	19.80	ac	\$2,541	\$50,312
Revegetate Area Above Water Required for Phase 4	19.80	ac	\$1,100	\$21,786
Cost of Slurry Wall Phase 4 (50' avg Depth)	12,673	lf	\$284	\$3,592,796
	Total Direct Cost			\$3,664,894
	Overhead a	and Profit C	Cost (13.07%)	\$479,002
			Contract Cost	\$4,143,896
	Proje	ct Manage	ment (7.00%)	\$256,543
Additional Financial Warranty Required For Phase 4				\$4,400,439

Phase 5 (Mining Limit = 164.44 acres) (Disturbed Area = 181.46 acres)

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Active Mining Area				
Topsoil Area Above Water Required for Phase 5	19.12	ac	\$2,541	\$48,584
Revegetate Area Above Water Required for Phase 5	19.12	ac	\$1,100	\$21,038
Cost of Slurry Wall Phase 5 (30' avg Depth)	14,142	lf	\$170	\$2,405,554
		Tot	al Direct Cost	\$2,475,177
	Overhead a	and Profit (Cost (13.07%)	\$323,506
			Contract Cost	\$2,798,682
	Proje	ct Manage	ment (7.00%)	\$173,262
Additional Financial Warranty Required For Phase 5				\$2,971,945

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Prowers Aggregate Operators LLC

Reclamation Bond Quantities and Costs
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Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Active Mining Area				
Topsoil Area Above Water Required for Phase 6	20.12	ac	\$2,541	\$51,126
Revegetate Area Above Water Required for Phase 6	20.12	ac	\$1,100	\$22,138
Cost of Slurry Wall Phase 6 (35' avg Depth)	14,876	lf	\$198	\$2,952,142
	Total Direct Cost			\$3,025,406
	Overhead and Profit Cost (13.07%)			\$395,421
			Contract Cost	\$3,420,827
	Proje	ct Manage	ment (7.00%)	\$211,778
Additional Financial Warranty Required For Phase 6				\$3,632,605

Phase 7 (Mining Limit = 121.68 acres) (Disturbed Area = 144.66 acres)

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Credits From Non-Mining Areas (Surface Only Activity) Above				
Stockpile and Plant Site Areas (Surface only in Phase 7)				
Scarifying Ground in Disturbed Area	(144.66)	ac	\$322	-\$46,515
Topsoil Placement in Disturbed Area	(144.66)	ac	\$2,541	-\$367,585
Revegetate Disturbed Area	(144.66)	ac	\$1,100	-\$159,172
Active Mining Area				
Disturbed Areas Above (Outside) Water Surface Area				
Topsoil Area Above Water Required for Phase 7	16.23	ac	\$2,541	\$41,241
Revegetate Area Above Water Required for Phase 7	16.23	ac	\$1,100	\$17,858
Cost of Slurry Wall Phase 7 (40' avg Depth)	10,954	lf	\$227	\$2,484,367
		To	tal Direct Cost	\$1,970,193
	Overhead	and Profit	Cost (13.07%)	\$257,504
			Contract Cost	\$2,227,697
	Proje	ect Manage	ement (7.00%)	\$137,914
Additional Financial Warranty Required For Phase 7				\$2,365,611

Phase 9 (Mining Limit = 91.38 acres) (Disturbed Area = 108.84 acres)

Reclamation Operation	Quantity	Unit	Unit Cost	Cost
Credits From Non-Mining Areas (Surface Only Activity) Above				
Stockpile, Sediment Pond Areas, & Scale House Area (Surface only in Phase 9)				
Scarifying Ground in Disturbed Area	(108.84)	ac	\$322	-\$34,998
Topsoil Placement in Disturbed Area	(108.84)	ac	\$2,541	-\$276,566
Revegetate Disturbed Area	(108.84)	ac	\$1,100	-\$119,759
Active Mining Area				
Disturbed Areas Above (Outside) Water Surface Area				
Topsoil Area Above Water Required for Phase 9	12.50	ac	\$2,541	\$31,763
Revegetate Area Above Water Required for Phase 9	12.50	ac	\$1,100	\$13,754
Cost of Slurry Wall Phase 9 (50' avg Depth)	9,259	lf	\$284	\$2,624,927
		Tot	al Direct Cost	\$2,239,121
	Overhead a	and Profit (Cost (13.07%)	\$292,653
			Contract Cost	\$2,531,774
	Project Management (7.00%)		\$156,738	
Additional Financial Warranty Required For Phase 9				\$2,688,513

Total Financial Warranty Required For All Phases	\$24,542,625
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Carrigan Excavating, LLC 30687 County Road 19

Lamar, CO 81052 719-336-3313 carriganexcavatingllc@gmail.com

Date	Estimate #
4/27/2021	706

Name / Address Prowers Aggregates PO Box 965 Lamar, CO 81052

				Terms
			Due	on receipt
ltem	Description	Qty	Cost	Total
DESCRIPTION	Move 420,000 CY of overburden from existing stock piles to phase 3 and phase 8 @ .90 per CY	420,000	0.90	378,000.00
	11	Total	I	\$378,000.00



Barr H. Inman 1105 E. Maple St. Lamar, CO 81052

January 5, 2021

Re: Agreement for Compensation for Damage to Structures within 200 feet of mining activities

To Whom It May Concern:

Prowers Aggregate Operators, LLC has applied for an amendment to their current State of Colorado Division of Reclamation, Mining, and Safety (DRMS) Reclamation Permit M2008-078 to allow sand and gravel mining on property within 200 feet of structures located on your property. The Colorado Mined Land Reclamation Act provides protection for your property, and specific protection for your structures located within 200 feet of the mining activities.

DRMS Permit approval requires a notarized agreement between the applicant and owners of structures within 200 feet of the mining activities, providing compensation for any damage to the structure; or preparation of an engineering evaluation acceptable to the DRMS, demonstrating that such structure(s) shall not be damaged by the mining activities if an agreement cannot be reached.

Prowers Aggregate Operators, LLC has had an engineering evaluation performed to determine acceptable setbacks from their proposed mining permit boundary and mining limit to structures adjacent to the mining. The proposed mining slopes and setbacks were analyzed using Clover Technologies Galena Slope Stability Analysis System. Galena was designed to analyze the slope stability of earth embankments subjected to several critical situations that may occur during the life of the embankment. The procedure searches for circular shear failures and automatically searches for the lowest safety factor. The required minimum safety factors are based on the current Policies of the Colorado Mined Land Reclamation Board (MLRB) criteria for critical and non-critical structures. The safety factors attained using the setbacks shown on the Mining Plan are greater than the required safety factors specified by the MLRB for embankments during static conditions, and embankments subjected to earthquake loading, based on the United States Geological Survey earthquake peak acceleration factors for the area. This evaluation indicated that damage to structures adjacent to the mining should not occur, even during earthquake conditions, which are very unlikely to be present.

Barr H. Inman January 5, 2021 Page 2

With this letter, Prowers Aggregate Operators, LLC requests your authorization to conduct mining and reclamation activities within 200 feet of your structure(s). In return for this authorization, Prowers Aggregate Operators, LLC agrees to provide fair compensation for any damage to your structure(s) resulting from its mining and reclamation activities. Your notarized signature below grants permission for Prowers Aggregate Operators, LLC to conduct mining and reclamation activities within 200 feet of your structure(s), and acknowledges Prowers Aggregate Operators, LLC's commitment to provide fair compensation for any damages to said structure(s) caused by Prowers Aggregate Operators, LLC's mining and reclamation activities.

Barr H. Inman January 5, 2021 Page 3

Sincerely,

Karl Nyquist, Manager Prowers Aggregate Operators, LLC

15/21 Date

State of Colorado County of Jefferson

The foregoing instrument was acknowledged before me this 5th day of January 2021 (date) (name of person acknowledging).

Nyquist Karl by___

(Notary's official signature)

5/15/2024

(Commission expiration)

Notary Public State of Colorado Notary ID # 20204017041 My Commission Expires 05-15-2024

ERICA KUERBIS

Barr H. Inman

Date

State of Colorado County of ____

The foregoing instrument was acknowledged before me this _____ (date)

by _____

(name of person acknowledging).

(Notary's official signature)

(Commission expiration)







Prowers County 301 South Main Lamar, CO 81052

April 28, 2021

Re: Agreement for Compensation for Damage to Structures within 200 feet of mining activities

To Whom It May Concern:

Prowers Aggregate Operators, LLC has applied for an amendment to their current State of Colorado Division of Reclamation, Mining, and Safety (DRMS) Reclamation Permit M2008-078 to allow sand and gravel mining on property within 200 feet of structures located on your property. The Colorado Mined Land Reclamation Act provides protection for your property, and specific protection for your structures located within 200 feet of the mining activities. County Road HH.5 is the structure that is within 200 feet of the mining activities.

DRMS Permit approval requires a notarized agreement between the applicant and owners of structures within 200 feet of the mining activities, providing compensation for any damage to the structure; or preparation of an engineering evaluation acceptable to the DRMS, demonstrating that such structure(s) shall not be damaged by the mining activities if an agreement cannot be reached.

GP Aggregates, LLC (the land owner and Prowers County Special Use Permit holder) and Prowers County have an existing agreement for the use and maintenance of county roads as part of their mining activities at the West Farm Pit. This agreement specifies that the mining operation will maintain the roads and repair any damage to the roads caused by the mining operation. The executed agreement is attached for your reference. This agreement should also have the figure depicting the County Road HH.5 and County Road HH.8 revised to only show County Road HH.5 as County Road HH.8 was previously vacated by Prowers County. The figure should also add the small portion of CR 11 at the intersection with County Road HH.5.

PAO requests that you sign/notarize this letter confirming that the previous agreement is still in affect and is valid for the amended mine layout. A map showing the amended mine layout is attached for your reference.

Prowers County April 28, 2021 Page 2

Sincerely,

28 12

Karl Nyquist, Manager Prowers Aggregate Operators, LLC

State of Colorado County of ______

by Karl Nyquist _____ (name of person acknowledging).

(Notary's official signature)

5-15-24 (Commission expiration)

ERICA KUERBIS Notary Public State of Colorado Notary ID # 20204017041 My Commission Expires 05-15-2024

Prowers	County

State of Colorado County of _____

The foregoing instrument was acknowledged before me this _____ (date)

by _____ (name of person acknowledging).

(Notary's official signature)

(Commission expiration)

Date



PROWERS COUNTY ROAD DEPARTMENT AGREEMENT FOR USE AND MAINTENANCE OF COUNTY ROADS

Effective Date: September 30, 2018

GP Aggregates, LLC a Colorado limited liability company whose address is 7991 Shaffer Parkway, suite 200, Littleton, CO 80127, on behalf of itself, its agents and contractors (collectively, "Permittee") has requested authorization by the Prowers County Road Department ("County") to use certain sections of roadways of Prowers County shown as Roads in the attached Exhibit A incorporated herein by this reference to transport and haul the following:

Cranes, trucks, tractors, haul trucks, conveyors, construction equipment, construction vehicles, and short- and long-bed trailers; water tanks; meteorological and wind measuring equipment, including anemometer towers and all necessary and proper appliances and fixtures for use in connection with said towers; wind turbine nacelles and blades, steel towers, rock, grain, other commodities, concrete for construction of foundations and support structures, footings, anchors, fences and other fixtures and facilities; electrical transmission and fiber optic wires and cables, steel or wooden poles; and any other improvements, including facilities, machinery and equipment necessary or desirable for The GP gravel pit (the "**Project**").

Permittee requests this authority continue for the length of Permitee's Special Use Permit No. 2017-02

1. Use of County Roads.

1.1 Permittee understands and agrees that, although these roadways are part of the Prowers County road system and are subject to normal traffic use, Permittee, by virtue of its extraordinary use, assumes responsibility for any repairs and maintenance and the for traffic control on such roadways resulting from its use of roadways as haul roads.

1.2 County hereby agrees to Permittee's use of the roadways subject to the conditions contained herein. Permittee is solely responsible for obtaining any other permit or license that County or any other governmental entity may require to operate or move Permittee's vehicles on county roads. This Agreement for Use and Maintenance of Roads (this "Agreement") does not relieve Permittee's subcontractors, agents or employees from complying with applicable speed limits, weight restrictions, or other posted restrictions on any Prowers County road.

1.3 Any improvements to or widening of the Roads necessitated by Permittee's operations, including modification of roadway approaches to accommodate transport vehicles, will be considered incidental to the activity performed, shall be made at Permittee's sole expense unless otherwise authorized in addendum to this Agreement, and shall remain in place or be removed at the County's choice. Any such improvement shall be authorized by County permit and shall become the property of County as determined by County.

2. <u>Maintenance of Roads</u>. Permittee agrees to maintain the Roads in a safe condition satisfactory to the County. Maintenance shall include dust control and gravel replacement. Any maintenance activities agreed to by the Parties other than as described in this <u>Paragraph 2</u> will be identified in writing, signed by both Parties, and attached as an addendum to this Agreement.

3. Assumption of Risk and Liability.

3.1 County has not made and does not herein make any representation as to the present or future conditions of the Roads or the character of the traffic on such roads. Permittee assumes all risks of damage to property of or injury to, Permittee or anyone acting under the authority granted to Permittee by this Agreement.

3.2 Permittee agrees and covenants to indemnify, defend, and save harmless County for, from, and against any loss, damage, costs, charges, liability, claims, demands, or judgments, whether to persons or property, arising out of any act, action, neglect, omission, or default on the part of Permittee or any person or entity acting under Permittee's authority granted by this Agreement.

3.3 Permittee shall maintain, for the term of this Agreement, Public Liability and Property Damage Insurance. For the term of this Agreement, County shall be named as an additional insurance on Permittee's Public Liability and Property Damage Insurance, and Permittee shall provide to County proof of insurance and proof the additional insured designation.

4. <u>Termination</u>. This Agreement may be terminated by County upon any occurrence of:

- A. Violation by Permittee of any term of this Agreement.
- B. Risk of imminent threat to public health, safety, or welfare as a result of continued use by Permittee of the Roads.
- C. Receipt by County of notice from Permittee that Permittee has permanently ceased operations and desires to terminate this Agreement, at which time a post-inspection will be conducted.

4.1 Upon termination of this Agreement, for any reason, Permittee shall immediately discontinue operations covered by this Agreement.

4.2 Termination of this Agreement shall not prejudice County's right to collect damages incurred as a result of Permittee's use of the Roads.

4.3 If, after termination of this Agreement, Permittee desires to resume operation, Permittee shall request to enter into a new road agreement with County.

5. <u>Notices</u>. All notices and oral or written communications relating to this Agreement shall be made to the person identified below on behalf of each Party. All written notices shall be deemed given when personally delivered, or in lieu of such personal service, five (5) days after deposit in the United States mail, first class, postage prepaid, certified, or the next business day if sent by reputable overnight courier, provided receipt is obtained and charges prepaid by the delivering party. Any notice shall be addressed as follows:

On behalf of Prowers County: Mark Dorenkamp Title: Road & Bridge Supervisor Phone: 719-336-5536 109 East Sherman Lamar, CO 81052

On behalf of Permittee: Karl Nyquist Title: Manager Phone: 303-389-6777 7991 Shaffer Parkway, Suite 200 Littleton, CO 80127 Attn: Karl Nyquist

6. <u>Miscellaneous</u>.

6.1 <u>Compliance with Laws</u>. Permittee shall comply with all federal, State of Colorado, and local laws and regulations.

6.2 <u>Severability</u>. If any portion of this Agreement is held invalid, it shall have no effect upon the validity of the remaining portions of this Agreement.

6.3 <u>Entire Agreement; Binding Effect; Amendments</u>. This Agreement constitutes the entire agreement of the Parties with regard to its subject matter. This Agreement shall not be modified or amended except in a writing signed by the Parties. This Agreement is binding upon the parties and their respective successors and permitted assigns. This Agreement is only for the benefit of the parties hereto, and no third party shall have any right, claim or interest hereunder. This Agreement will be enforced as written. In the event of any conflict with the provisions of the main agreement, the provisions of this Addendum will control.

6.4 <u>Governing Law; Dispute Resolution</u>. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Colorado. If the parties are unable to resolve amicably any dispute arising out of or in connection with this Agreement, they agree that such dispute shall be resolved in a court of competent jurisdiction located in Prowers County, or if none, then a court of competent jurisdiction located nearest to Prowers County.

6.5 <u>CONSEQUENTIAL DAMAGES</u>. NOTWITHSTANDING ANYTHING TO THE CONTRARY IN THIS AGREEMENT, PERMITEE SHALL NOT BE ENTITLED TO, AND PERMITTEE HEREBY WAIVES ANY AND ALL RIGHTS TO RECOVER, CONSEQUENTIAL, INCIDENTAL AND PUNITIVE OR EXEMPLARY DAMAGES FROM COUNTY, HOWEVER ARISING, WHETHER IN CONTRACT, IN TORT OR OTHERWISE, UNDER OR WITH RESPECT TO ANY ACTION TAKEN IN CONNECTION WITH THIS AGREEMENT.

6.6 <u>Counterparts</u>. This Agreement may be executed in multiple counterparts, all of which shall constitute one and the same Agreement.

6.7 <u>Statutory County</u>. County, which is a statutory county in the State of Colorado, reserves all rights as a statutory entity, including governmental immunity as provided by law.

6.8 <u>Assignment</u>. Permittee may not assign this Agreement without the prior written consent of the County.

6.9 <u>Public Record</u>. In the event County receives a public records demand pursuant to the Colorado Open Records Act for copies of documents which are or may be confidential, or may otherwise

be subject to non-disclosure, County shall give written notice by facsimile and/or email to Permittee. Permittee shall notify County in writing by facsimile and/or email within two (2) working days of notification if any documents requested as a public record should not be disclosed. Permittee shall indemnify and hold harmless County for any public record requests where Permittee requests County not to disclose such records.

6.10 <u>Statutory Limits on Liability</u>. Because County is a public entity, and is subject to statutory limits on spending including funds which have been duly appropriated, County and its officers, agents, employees and representatives shall in no event be liable for damages to Permittee, or any other party, whether based upon breach of contract, tort, strict liability, breach of warranty, or any other claim for relief of whatever nature or description. However, Permittee may be awarded actual damages for breach of contract, specific performance, injunctive relief or other similar non-monetary remedy if proven by Permittee.

6.11 <u>Actions of Permittee</u>. Permittee shall be solely responsible for the acts of Permittee, its employees, and agents. Neither Permittee nor any agent or employee of Permittee shall be or shall be deemed to be an agent or employee of County. Permittee shall have no authorization, express or implied, to bind County to any agreements, liabilities, or understandings. Permittee shall provide and keep in force worker's compensation and unemployment compensation insurance in the amounts required by Colorado law.

6.12 <u>Illegal Aliens</u>. Permittee certifies that Permittee shall comply with the provisions of C.R.S. 8-17.5-101 et seq. Permittee shall not knowingly employ or contract with an illegal alien to perform work under this contract or enter into a contract with a subcontractor that fails to certify to Permittee that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this contract. Permittee represents, warrants, and agrees that it (i) has verified that it does not employ any illegal aliens, through participation in the Basic Pilot Employment Verification Program administered by the Social Security Administration and Department of Homeland Security, and (ii) otherwise will comply with the requirements of C.R.S. 8-17.5-102(2)(b). Permittee shall comply with all reasonable requests made in the course of an investigation under C.R.S. 8-17.5-102 by Colorado Department of Labor and Employment. If Permittee fails to comply with any requirement of this provision or C.R.S. 8-17.5-101 et seq., County may terminate this contract for breach, and Permittee shall be liable for actual and consequential damages to County.

6.13 Officials Not To Benefit. No official or employee of County shall directly or indirectly receive or be paid any share or part of this Agreement or any benefit that may arise therefore in violation of Article 29 of the Colorado Constitution. Permittee warrants that it has not retained any company or person (other than a bona fide employee working solely for Permittee) to solicit or secure this Agreement, and that Permittee has not paid or agreed to pay to any company or person, (other than a bona fide employee working for Permittee), any fee, commission, percentage, brokerage fee, gift or any other consideration contingent upon or resulting from the award of this Agreement to Permittee. Upon discovery of any breach or violation of this provision, County shall have the right to terminate this Agreement.

6.14 Governmental Immunity. Notwithstanding any other provision of this Agreement to the contrary, no term or provision of this Agreement shall be construed or interpreted as a limitation to or waiver by County of any applicable provisions of the Colorado Governmental Immunity Act, §24-10-101, *et seq.*, C.R.S., as now or hereafter amended, §24-30-1501, *et seq.*, C.R.S., as now or hereafter
amended, and any other immunity statute. Any provisions of this Agreement, whether or not incorporated herein by reference, shall be controlled, limited and otherwise modified so as to limit any liability of County as provided by said laws.

6.15 <u>No Presumption of Good Faith and Fair Dealing</u>. There is no presumption of good faith and fair dealing in the performance of this Agreement by either party.

6.16 <u>No Third Party Beneficiary Intended</u>. No provision in this Agreement is intended or shall create any rights with respect to the subject matter of this Agreement in any third party. This Agreement shall be construed to benefit of County and Permittee, and shall not be construed to create third party beneficiary rights in any other party. No person not a party to this Agreement is an intended beneficiary of this Agreement, and no person not a party to this Agreement shall have any right to enforce any term of this Agreement.

IN WITNESS WHEREOF, Permittee and County have caused this Agreement to be signed by their respective and duly authorized officers.

Permittee:

By:

Printed Name: Karl Nyquist Title: Manager

BOARD OF COUNTY COMMISSIONERS PROWERS COUNTY, COLORADO
By Ron Cook, Chairman
Attest:
By Jana Coen
Jana Coen, County Clerk
Date Signed: 10 - 9 - 18
8/ 1827 APR
a free and the
2 11 2

EXHIBIT A-1

PROPOSED ROADS USE LIST

- 1. HH.5 from the pit entrance west to County road 9
- 2. HH8/10 from east side of pit to County road 9

EXHIBIT A-1

EXHIBIT A-2

PROPOSED ROADS MAP



Todd Yee

From:	Darla Specht <darlascrantonspecht@gmail.com></darlascrantonspecht@gmail.com>
Sent:	Wednesday, April 7, 2021 9:17 AM
То:	Karl Nyquist
Cc:	Michelle Hiigel; JC York; Bill Grasmick; Roy Cue
Subject:	Re: Prowers County Doc Reception Number 471604 - Highlighted.pdf

All:

I have reviewed the recorded minutes/resolution and also the recorded plat demonstrating the vacated roadway and find all to be appropriate. Upon the road being vacated, the property that was previously a public road is owned by the landowner(s) abutting the roadway, and where the roadway was previously located becomes private property. As owner of the property, you have the right to gate the road. As a precaution, you may want to also post the roadway as a private drive/road.

Darla

On Tue, Apr 6, 2021 at 2:51 PM Karl Nyquist <<u>Karl@cacompanies.com</u>> wrote:

Darla,

Here is the resolution showing the vacation of HH.8. Let us know how we should move forward.

Thanks

Darla Scranton Specht, Esq. SCRANTON SPECHT & ASSOCIATES, P.C. 1204 E. Olive Street, PO Box 1500 Lamar, CO 81052 Phone: 719-336-6887 Fax: 719-336-9887



Mr. Stewart Olive March & Olive, LLC 1312 S. College Avenue Fort Collins, CO 80524

February 17, 2021

Re: Prowers Aggregate Operators, LLC Reclamation Permit M2008-078

Mr. Olive:

Prowers Aggregate Operators, LLC ("PAO") received your comment letter to the DRMS on February 10, 2021. We are reaching out to you to address the comments you provided to the DRMS.

Your letter indicates that our operation deposits dust and particulates on to the Nunnery properties and it is coming from the sand piles at the railroad loadout PAO operates. At no time in the past have the Nunnerys notified PAO of any concerns regarding fugitive dust emissions from the site so this is the first time we are hearing of their concern. PAO offers the following facts regarding the claims made by the Nunnerys.

PAO has multiple APEN permits with the Colorado Department of Health and Environment ("CDPHE") which together regulate emissions from the mining operation, and PAO operates in compliance with those permits.

PAO conveys washed sand to the locations you referred to in your letter as "the large mounds of uncovered and unsprinkled sand and gravel north of the railroad tracks". This material is wet when it is being conveyed to the piles and remains wet for a considerable time, in particular since more wet sand is routinely deposited onto the pile after being washed and conveyed to the stockpile area. Further, we also utilize a water truck from time to time to spray the piles for dust control.

From the photos you provided to the DRMS the dust appears to be very fine and of small particulate size. As referenced above, our stockpiles of sand are comprised of washed material. The washing process eliminates the fine particulates and that is in fact the purpose of the process.

We would encourage the Nunnerys to please contact our site superintendent Mr. Roy Cue when they are having issues with dust so that we can help to minimize any dust that may be coming from the piles. Mr. Cue's contact information is provided below so Mr. and Mrs. Nunnery can call him when there are issues with dust.

Regarding your letter's claim about mining setbacks, PAO as part of the DRMS permit

Mr. Stewart Olive February 17, 2021 Page 2

submittal requirements, had an engineering evaluation performed to determine, among other things, acceptable setbacks from structures adjacent to the mining operations. The engineering analysis has determined that the permit boundaries and setbacks from any structures are in all cases compliant with the permitting requirements and regulations.

Your letter indicated the Nunnery's existing well has dropped since PAO began its operation. If the Nunnery's have any information or evidence to support this claim we would appreciate if the Nunnery's would share this information with PAO. For example, do the Nunnery's have measurements over the course of a year or longer showing that the water level in the well has decreased? What is the State permit number for the existing well? PAO has installed a series of monitoring wells throughout its property and regularly monitors the ground water levels in these wells. Indeed, this is a permitting requirement implemented by the DRMS. We would propose monitoring the Nunnery's well on the same schedule/frequency as we monitor the monitoring wells on the PAO property. We would propose that the well level be monitored by our staff on a monthly basis on the same date that we record levels in the monitoring wells at the mine site. We would like to meet with the Nunnery's and determine if there is a port or the ability to remove the cover on the pitless adaptor (typically installed on most domestic wells) so that the level of the water in the well can be recorded.

PAO has installed slurry walls around the existing mining cells/phases so that they do not affect the ground water table by dewatering and pulling the water table down to lower levels. The slurry walls have passed leak testing as required by the State Engineer's Office so they meet the State standards. The slurry wall provides an impermeable barrier so that the ground water does not pass through the slurry wall into the mining cell/phase. The converse is also true; the slurry wall does not allow water to pass through the slurry wall out of the mining cell/phase. Accordingly, the water table outside the slurry walls is not affected by mining operations. The well pumping for the irrigation of the farm ground has also decreased with the acres where the mining is occurring no longer being farmed. There is less water being removed from the alluvial aguifer by the operations for the farming and the mining.

Please contact us if you have further questions so that we can discuss and work with you and your client to come to a final resolution on the issues you have presented to the DRMS.

Sincerely,

Karl Nyquist, Manager Prowers Aggregate Operators, LLC

Roy Cue, Site Superintendent Prowers Aggregate Operators, LLC (719) 688-4477

2/17/2/ ate



Mr. Stewart Olive March & Olive, LLC 1312 S. College Avenue Fort Collins, CO 80524

March 18, 2021

Re: Prowers Aggregate Operators, LLC Reclamation Permit M2008-078

Mr. Olive:

Prowers Aggregate Operators, LLC ("PAO") previously responded to your comment letter to the DRMS on February 17, 2021. We are reaching out to you again to provide additional data we received from the State of Colorado Division of Water Resources (DWR) regarding the well owned by the Nunnery's (Permit 233713).

The information from the DWR for Permit 233713 indicates the well was registered in 2001 and is a deep well drilled into the Dakota aquifer. The well is 320 feet deep per the drilling log. The well casing is steel pipe from the surface to a depth of 40 feet, then changes to PVC pipe from 40 feet to 280 feet and is screened with perforated PVC pipe from 280 feet to 320 feet. The casing was grouted at two different intervals from a depth of 5 feet to 45 feet and again from a depth of 180 feet to 260 feet. We have also attached the permit files for your reference.

Based on the records from the DWR this well is not connected to the alluvial aquifer as it is in the Dakota aquifer which is confined from the alluvial aquifer. The alluvial aquifer from the surface down to a depth of approximately 30 to 70 feet which is the aquifer the sand and gravel are being mined in. As stated in our previous letter PAO has installed slurry walls around the existing mining cells/phases so that they do not affect the ground water table. Since the Nunnery well is not connected to the alluvial aquifer there is not a need to monitor this well by PAO. PAO's operations do not use or remove water from the Dakota aquifer.

We have not received a response back from you regarding our last response letter that was sent certified mail and signed for by an agent of your company with initials MS on February 19, 2021. Again we would encourage the Nunnerys to please contact our site superintendent Mr. Roy Cue when they are having issues with dust so that we can help to minimize any dust that may be coming from the piles. Mr. Cue's contact information is provided below so Mr. and Mrs. Nunnery can call him when there are issues with dust.

We would also request that you withdraw your objection to the DRMS as we believe the issues you provided can be mitigated as we have proposed in this letter and our previous letter. We have included a withdrawal form that the DRMS uses.

Mr. Stewart Olive March 18, 2021 Page 2

Please contact us if you have further questions so that we can discuss and work with you and your client to come to a final resolution on the issues you have presented to the DRMS.

Sincerely,

Karl Nyquist, Manager Prowers Aggregate Operators, LLC

the les

Roy Cué, Site Superintendent Prowers Aggregate Operators, LLC (719) 688-4477 <u>3-18-21</u> Date

<u>3-18-21</u> Date

MARCH & OLIVE, LLC

J. BRADFORD MARCH STEWART W. OLIVE

Daniel L. Sapienza

March 23, 2021

ATTORNEYS AND COUNSELORS AT LAW 1312 S. College Avenue FORT COLLINS, CO 80524 (970) 482-4322 FAX (970) 482-5719

ARTHUR E. MARCH 1908-1981 ARTHUR E. MARCH, JR. 1933-2005 JOHN W. PHARRIS Retired-2019

VIA CERTIFIED MAIL & REGULAR U.S. MAIL

Karl Nyquist Roy Cue Prowers Aggregate Operators 9485 County Road HH P.O. Box 965 Lamar, CO 81052

Re: Brian and Karen Nunnery, Reclamation Permit M2008-078

Dear Mr. Nyquist and Mr. Cue:

Please consider this letter as response to your letters of February 17 and March 18. I have spoken to Mr. Nunnery and I understand that he has spoken to Mr. Cue regarding the water and dust issues. Based on those discussions, Mr. Nunnery feels comfortable in handling the issues in this matter directly with you and the governmental authorities.

Please direct all futures communications in this matter to Mr. Nunnery directly. Thank you for your prompt responses to my letter.

Sincerely,

Stewart W. Olive Attorney at Law

JC York

From:	JC York					
Sent:	Tuesday, April 27, 2021 10:46 AM					
То:	bnunnery@hotmail.com					
Cc:	Karl Nyquist; Roy Cue; Bill Grasmick					
Subject:	Well Measurements and Well Information					
Attachments:	JT-Nunnery Wells 4.26.21.pdf; Nunnery Off-Site Well Readings 4.23.21.pdf; Well 1 -					
	DWR_1476103.pdf; Well 2 - DWR_1554471.pdf; Well 3 - DWR_1487069.pdf; Well 4 -					
	DWR_1333293.pdf; Well 4 - DWR_1333295.pdf; Well 4 - DWR_1333296.pdf; Well 4 -					
	DWR_1333297.pdf; Well 4 - DWR_1333298.pdf					

Mr. Nunnery -

Thank you for your help on Friday afternoon, April 23rd in locating the 4 wells you described to us and to your son for helping us access each well to measure the depth to the level of the water in each well.

We did some more research at the State's groundwater well data base and were able to find all of the wells are registered and details of the well drilling logs (attached for reference). All of the wells are Dakota formation/aquifer wells and not alluvial aquifer wells. Since this is the case these wells are not connected to the alluvial aquifer which is what the gravel pit cells are within. There will be no way the mining can affect your wells since there is no connection.

We have also provided a map of the well locations and spreadsheet with the depth to the water surface in each well. Please give us a call if you have any questions.

Regards,

J.C.

J.C. York, P.E.

J&T Consulting, Inc.

305 Denver Avenue, Suite D Fort Lupton, CO 80621

Office: (303) 857-6222 Mobile: (970) 222-9530 FAX: (303) 857-6224

Well Designation Nunnery Well #1		Nunnery Well #2	Nunnery Well #3	Nunnery Well #4	
Description	South Side Furniture Store	North Side Brian's House	West Side Rental House	North Side Warehouse/Shop	
Date	Depth to Groundwater from Top of Well (ft)				
April 23, 2021	41.25	37.48	20.04	28.42	



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WJR-26-77				1	E-1 20	DEX	DENED	
WITHIN OF THE V	50 DAYS O WORK DES	BE SUBMITTED COMPLETION SCRIBED HERE- T IN BLACK	1313 She Den WELL COMPLETION	rman Strever, Colo AND PUN	F WATER RESOURCES Bet - Room 818 rado 80203 IP INSTALLATION REPORT 12342 - A	JAN	1051296 MO51296 MENDERCES FREGREES 2016	
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	[[Size & kind			
					Size & kind	from	to	ft.
					GROUTING RECORD Material <u>Cemer</u> Intervals <u> </u>			
					Placement Method			
					GRAVEL PACK: Size)ea		
					TEST DATA Date Tested DOUCS	nber a	20,	19 85
					Static Water Level Prior to	o Test	D	ft.
					Type of Test Pump BO	iler_		
					Length of Test	hour	5	
		TOTAL DE	PTH 2/00 At.		Sustained Yield (Metered)	80	gal.	
	Use ac		ssary to complete log.		Final Pumping Water Leve	el <u>150</u>	<u>P</u> <u>+</u> .	

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PUMP INSTALLATION REPORT	
Pump Make	
Туре	
Powered by HP	
Pump Serial No	
Motor Serial No.	
Date Installeo	
Pump Intake Depth	
Remarks	
	PUMPING
	TARA A
WELL TEST DATA WITH PERMANENT PUMP	
Date Tested	
Static Water Level Prior to Test	TE DEPRESSION
Length of Test Hours	
Sustained yield (Metered) GPM	
Pumping Water Level	
Remarks	
<u> </u>	

CONTRACTORS STATEMENT

The undersigned, being duly sworn upon oath, deposes and says that he is the contractor of the well or pump installation described hereon; that he has read the statement made hereon; knows the content thereof, and that the same is true of his own knowledge.

Alea Signature Mu License No. 1017____ State of Colorado, County of KLOWLL SS _ , 19 86 . Subscribed and sworn to before me this 3 day of 4a'19 **X** X My Commission expires: ar Notary Public 00 QYY

FORM TO BE MADE OUT IN QUADRUPLICATE: WHITE FORM must be an original copy on both sides and signed. WHITE AND GREEN copies must be filed with the State Engineer. PINK COPY is for the Owner and YELLOW COPY is for the Driller.

. . • WRJ-5-Rev, 76

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initialed.

Application must be complete where

applicable. Type or print in BLACK

INK. No overstrikes

or erasures unless

COLORADO DIVISION OF WATER RESOURCES

818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203 RECEIVED

PERMIT APPLICATION FORM

() A PERMIT TO USE GROUND WATER A PERMIT TO CONSTRUCT A WELL FOR: A PERMIT TO INSTALL A PUMP

() REPLACEMENT FOR NO. ___

() OTHER __

WATER COURT CASE NO._____

~EP 2 5 1985

: RESOURCES ENGINEER 2010.

(1) APPLICANT - mailing address	EOR OFFICE USE ONLY: DO NOT WRITE IN THIS COLUMN Dertante To be a sager 11 + 85 PGH of
NAME Charles B Nummery	Receipt No. 59336 B
STREET 9800 E Hgwy 50	Basin Dist
CITY La mar Co 81052 (State) (Zip)	CONDITIONS OF APPROVAL
TELEPHONE NO. 336 - 4194	This well shall be used in such a way as to cause no material injury to existing water rights. The
(2) LOCATION OF PROPOSED WELL	issuance of the permit does not assure the applicant that no injury will occur to another vested water
County Prowers	right or preclude another owner of a vested water right from seeking relief in a civil court action.
<u>NF</u> % of the <u>SE</u> %, Section <u>33</u>	APPROVED PURUSANT TO C.R.S. 37-93-504 (3) (c) FOR THE RELOCATION OF EXISTING WELL
Twp. 22 5, Rng. 46 4, 6 P.M.	PERMIT NO. 142342
(3) WATER USE AND WELL DATA	ING TO THE RULES AND REGULATIONS FOR WATER WELL AND PUMP INSTALLATION CONTRACTORS
Proposed maximum pumping rate (gpm)5	WITHIN NINETY (90) DAYS OF COMPLETION OF THE NEW WELL. THE ENCLOSED AFFIDAVIT FORM MUST BE COMPLETED AND SUBMITTED AFFIRMING
Average annual amount of ground water to be appropriated (acre-feet):	2) THE USE OF GROUNDWATER FROM THIS WELL IS LIMITED
Number of acres to be irrigated:O	TO FIRE PROTECTION, ORDINARY HOUSEHOLD PURPOSES
Proposed total depth (feet):50	INSIDE A SINGLE FAMILY DWELLING, AND THE WATERING OF DOMESTIC ANIMALS AND POULTRY,
Aquifer ground water is to be obtained from:	3) THE PRODUCTION FROM THIS WELL IS LIMITED TO
Dakota	THE DAKOTA AQUIFER ONLY. PLAIN (NON-PERFOR ATED) CASING MUST BE INSTALLED AND PROPERLY
Owner's well designation	SEALED TO PREVENT APPROPRIATION FROM OTHER
GROUND WATER TO BE USED FOR:	ZONES. 12-18-85
 () HOUSEHOLD USE ONLY - no irrigation (0) () INDUSTRIAL (5) () LIVESTOCK (2) () IRRIGATION (6) () COMMERCIAL (4) () MUNICIPAL (8) 	
() O'THER (9)	APPLICATION APPROVED
DETAIL THE USE ON BACK IN (11)	PERMIT NUMBER 142342-A
(4) <u>DRILLER</u>	DATE ISSUED DEC 1 8 1985
Name Michael R Pearson	EXPIRATION DATE DEC 1 8 1987
Street SFourest	Robert G. Sunsulaush
City Lamar Co 81052 (State) (Zip)	(STATE ENGINEER)
Telephone No. 336-4140 Lic. No. 1017	BY = 5000 - 10000 + 50000 + 50000 + 50000 + 50000000 + 50000000 + 50000000 + 500000000

5) THE LOCATION OF THE PROPOSED WELL and the area on which the water will be used must be indicated on the diagram below. Use the CENTER SECTION (1 section, 640 acres) for the well location.	(6) THE WELL MUST BE LOCATED BELOW by distances from section lines.
+-	1767 ft. from <u>South</u> sec. line
1 MILE, 5280 FEET	1300 ft. from Eq.5 t sec. line
	LOTBLOCKFILING #
	(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: Clarles B Numer No. of acres 1. Will this be
NO	the only well on this tract? \sqrt{cS}
	(8) PROPOSED CASING PROGRAM Plain Casing
	5 in. from 0 ft. to 100 ft.
	in. fromft. to ft.
SOUTH SECTION LINE	$\frac{5}{100} \text{ in, from } \frac{100}{100} \text{ ft, to } \frac{150}{150} \text{ ft.}$
	in. from ft. to ft.
	(9) <u>FOR REPLACEMENT WELLS</u> give distance and direction from old well and plans for plugging
The scale of the diagram is 2 inches = 1 mile Each small square represents 40 acres.	it: will plug acording to Regs
WATER EQUIVALENTS TABLE (Rounded Figures) An acre-foot covers 1 acre of land 1 foot deep 1 cubic foot per second (cfs) 449 gallons per minute (gpm) A family of 5 will require approximately 1 acre-foot of water per year. 1 acre-foot 43,560 cubic feet 325,900 gallons. 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.	<u> </u>
10) LAND ON WHICH GROUND WATER WILL BE USED:	
wher(s): charles B Nunnery	No. of acres:
egal description: Sec 33, 29, 46, NE14	<u>, SE 1/4</u>
11) <u>DETAILED DESCRIPTION</u> of the use of ground water: Househo system to be used. Domestic use will dispose	of with leach line
12) OTHER WATER RIGHTS used on this land, including wells. Give	/e Registration and Water Court Case Numbers.
Type or right Used for (purpose)	Description of land on which used
None	
13) THE APPLICANT (S) STATE (S) THAT THE INFORMATI TRUE TO THE BEST OF HIS KNOWLEDGE.	ON SET FORTH HEREON IS
Karles B. Munner	

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	RM NO. 15-32	Y PUMP INSTALLATION AND TEST REPORT	For Office Use only						
10/		STATE OF COLORADO, OFFICE OF THE STATE ENGINEER	RECFIVED						
1.	WE	ELL PERMIT NUMBER 206469	FEB 0 4 1998						
2	Mailir City,	ER NAME(S) 6/2000 L. Junne Rus- ng Address 9810 LLS flux 50 St. Zip La mar (0) 81052 ne (719) 336-5356	FEB 0 4 1330 WATER RESULICES STATE ENGINEER COLO.						
3.	3. WELL LOCATION AS DRILLED: <u>SE</u> 1/4 <u>SE</u> 1/4, Sec. <u>33</u> Twp. <u>23</u> <u>S</u> , Range <u>46</u> <u>W</u> . DISTANCES FROM SEC. LINES: <u>1300</u> ft. from <u>Sec. line. and 1240</u> ft. from <u>Sec. line.</u> SUBDIVISION: <u>LOT</u> BLOCK FILING(UNIT).								
4.	Pum Desiç Pum	gn GPM 5 at RPM , HP 3/4 , , Volts	Completed 11.10.97 Model No. 078300 5.230 Full Load Amps Inches, Kind 9000000000000000000000000000000000000						
	TURE	BINE DRIVER TYPE: Electric Engine Other	size inches.						
5.	Airlin Flow	ER EQUIPMENT: e Installed Yes No, Orifice Depth ft Monitor Tube In Meter Mfg Meter Serial No r Readout Gallons, Thousand Gallons, Acre feet, Begir	· · · · · · · · · · · · · · · · · · ·						
6.	Total Statio	DATA:Check box if Test data is submitted on Supplemen DateWell Depth 270 TimeC Level 40 Rate (GPM) 15 Measured $11 \cdot 10 \cdot 97$ Pumping Lvl. 200	Ital Form. 						
7.	DISI	NFECTION: Type Chlorine Tablets Amt. Used	100 pp m						
8.	Wat	er Quality analysis available. 🗌 Yes 🕅 No							
9.		arks <u>Deemanent</u> pump installed Dell not put to beneficial use 3.98. Will be plumbed in w	to Treat Primp ()IVLY as of this date - ithin to days.						
10.	[Purs	re read the statements made herein and know the contents thereof suant to Section 24-4-104 (13)(a) C.R.S., the making of false stateme ee and is punishable as a class 1 misdemeanor.]	, and that they are true to my knowledge. nts herein constitutes perjury in the second						
N	lailing	ACTOR I Lichard & Picarbon Phone Address <u>PO Box 1658</u> <u>Lainar</u> itle (Please type or print) Signature	(119) <u>3310-4140</u> Lic. No. <u>144</u> . <u>CD 81002</u> Date						
	ame/f MìC	itle (Please type or print) Signature Signature Mark R Plansan, awar Michael Ala	1.5.98						

INSTRUCTIONS FOR PUMP INSTALLATION REPORT

The report must be typed or printed in <u>BLACK INK</u>. All changes on the form must be initialed and dated. Attach additional sheets if more space is required. Each additional sheet must be identified at the top by the well owner's name, the permit number, form name/number and a sequential page number. Report depths in feet below ground surface.

This form may be reproduced by photocopy methods, or by computer generation with prior approval by the State Engineer. Photocopy reproductions must retain margins and print quality of the original form.

The original form must be submitted to the State Engineer's Office within 60 days after completing the well or 7 days after the permit expiration date, whichever is earlier.

A copy of the form must be provided to the well owner.

If this form is submitted in conjunction with the Well Completion and Test Report, form number GWS-31, ONLY THE PERMIT NUMBER AND OWNER NAME NEED TO BE COMPLETED in items 1 and 2.

- 1. Complete the **Permit Number** in full.
- 2. Fill in Name and Mailing Address of Well Owner where correspondence should be sent.
- 3. Complete the blocks for the **actual** location of the well. For wells located in subdivisions the lot, block and subdivision information must also be provided.
- 4. Indicate the type of pump installed and complete the requested information. When installing pumps greater than 50 gpm, complete the additional information in this area.
- 5. Provide the information on other equipment which may be installed in the well.
- 6. Report test data as required by Rule 13.9. Spaces are provided to report all measurements made during the test. The report should show that the test complied with the provisions of the rules. If a test was not performed explain when it will be done. If available, report clock time when measurements were taken.
- 7. Record the type and the amount of disinfection used, how placed and the length of time left in the hole.
- 8. Indicate if a water quality analysis was performed and submit a copy of the report if available.
- 9. Use the remarks area to note any additional information including additional equipment installed, water supply construction problems.
- 10. Fill in Company Name and Address of Contractor who installed pumping equipment. The report must be signed by the licensed contractor responsible for the installation of pumping equipment.

WELL CONSTRUCTION AND TEST GWS-31 10/94 STATE OF COLORADO, OFFICE OF THE STATE	ENGINEER					
1. WELL PERMIT NUMBER 206969 M	H-32000 FEB 0 4 1998					
2 OWNER NAME(S) (Slenda Munnery Mailing Address 9810 U.S. Hwy 50 City, St. Zip Lamar CD 810 Phone (719) 3310-5356	STATE ENGINEER COLO.					
3. WELL LOCATION AS DRILLED: SE 1/4 SE 1/4, Se	c. 33 Twp. 22 S , Range 4/0 W					
DISTANCES FROM SEC. LINES: <u>1300</u> ft. from <u>Sec. line. and 1240</u> SUBDIVISION: STREET ADDRESS AT WELL LOCATION:						
4. GROUND SURFACE ELEVATIONft. DRI	LING METHOD Rotary.					
DATE COMPLETED 11.10.97. TOTAL D	EPTH 270 ft. DEPTH COMPLETED 20 ft.					
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location)	6. HOLE DIAM. (in.) From (ft) To (ft) 12/4 0 $4112/2$ 41 270					
le 35 Sand, Rock	7. PLAIN CASING					
35 140 Shale	OD (in) Kind Wall Size From(ft) To(ft)					
140 181 Sandstone + Shale	$\frac{4}{1} \frac{1}{1} \frac{1}$					
181 230 Sandstone	PERF. CASING: Screen Slot Size: 50, 000					
230 2115 SandstonetShale	-4 <u>vvc</u> <u>,250</u> <u>230</u> <u>270</u>					
265 270 Shale						
	8. FILTER PACK: 9. PACKER PLACEMENT: Material <u>Powell</u> Size <u>Material</u> Interval <u>220-270</u> Depth					
	10. GROUTING RECORD: Material Amount Density Interval Placement					
REMARKS:	$\frac{DC}{\underline{\mu}} = \frac{1}{2} \frac{1}{2$					
1. DISINFECTION: Type horing Tablets	Amt. Used 100 DDM					
12 WELL TEST DATA: Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test. TESTING METHOD Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test. Static Level 140 ft. Date/Time measured 11.10.97 Pumping level 200 ft. Date/Time measured 11.10.97 Remarks						
3. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.] CONTRACTOR						
Name/Title (Please type or print) Signature	Date Date					
Michael K Loon a mixed Mich	al al ala 1.5.98					

.v

Form No GWS-25	OFFICE OF THE ST COLORADO DIVIS					UR	CES			
€ J	818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203								144	
	(303) 866-3581		WEL	l Pe		ЛВ	ER	20696 <u>9</u>	<u> </u>	
			DIV.	2	CNTY.	50	WD. 67	DES. BASIN	MD	ľ
APPLICANT										
		SUBDIV: LOT:	BLK:		FLG:				LOT SIZE:	1 ACRES
	GLENDA NUNNERY							APPROVED W		<u>ON</u>
	9810 US HWY 50							PROWERS CO	UNTY	
	LAMAR CO 81052							SE 1/4 SE	1/4 SECTION	33
								TWP 22 S RA	NGE 46 W	6th P.M
								DISTANCES F	ROM SECTIC	N LINES
	(719) 336-5356							1300 Ft. from	South Section	n Line
PERMIT TO	CONSTRUCT A WELL							1240 Ft. from	East Section	n Line

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of the permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction and Pump Installation Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-92-602(3)(b)(II)(A) as the only well on a residential site MORE PARTICULARLY DESCRIBED ON THE ATTACHED EXHIBIT A.
- 4) The use of ground water from this well is limited to ordinary household purposes inside a single family dwelling. The ground water shall not be used for irrigation or other purposes.
- 5) The maximum pumping rate shall not exceed 15 GPM.
- 6) The return flow from the use of this well must be through a non-evaporative waste water disposal system where the water is returned to the same stream system in which the well is located.
- 7) This well shall be constructed not more than 200 feet from the location specified on this permit.

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HAL D. Sm			L'AM	Can
State Engineer	י חר	· · · · · · · · · · · ·	By	DEC 1 0 1999
Receipt No. 0422925	DATE ISSUED DE	L 1 U 1997	EXPIRATION DATE	

• •	RECEIVED		
COLORADO DIVISION OF WATER RESOURCES			
DEPARTMENT OF NATURAL RESOURCES	OCT 2 3 1997		
1313 SHERMAN ST., RM. 818, DENVER CO 80203 phone - info: (303) 866-3587 main: (303) 866-3581	WATER RESOURCES		
NEW HOUSEHOLD USE ONLY	Water Well Permit Application		
Review instructions prior to completing form	Must be completed in black ink or typed		
1. APPLICANT INFORMATION Name of applicant	6. USE OF WELL		
alorda L Direcco			
Mailing Address	ORDINARY HOUSEHOLD PURPOSES INSIDE ONE SINGLE FAMILY DWELLING		
19810 US HUNU 50	(<u>NO</u> OUTSIDE USE)		
City State Zip code			
Lamak ('0) 81032	7. WELL DATA		
Telephone Number (include area code)	MAXIMUM PRODUCTION RATE OF THE WELL		
719-336-5356	WILL NOT EXCEED 15 GPM		
2. TYPE OF APPLICATION	8. TYPE OF RESIDENTIAL SEWAGE SYSTEM		
CONSTRUCT A NEW HOUSEHOLD USE ONLY			
WELL ON LESS THAN 35 ACRES	Septic tank / absorption leach field Central system		
	District name:		
3. REFER TO (if applicable):	🗆 Vault		
Monitoring hole acknowledgment # MH-	Location sewage to be hauled to: Other (attach copy of engineering design)		
4. LOCATION OF WELL	9. PROPOSED WELL DRILLER (optional)		
Coparty Proliders SE 1/4 SE 1/4	Michael R. Planson 144		
Section Township N or S Range E or W Principal Meridian	10. SIGNATURE of applicant(s) or authorized agent		
33 22 1 40 1 0 Distance of well from section lines	The making of false statements herein constitutes perjury in the second degree, which is punishable as a class 1 mis-		
	demeanor pursuant to C.R.S. 24-4-104(13)(a). I have read		
$\frac{1300}{1300} \text{ ft. from } \square N \stackrel{\text{tr}}{\to} s \frac{1240}{1300} \text{ ft. from } \stackrel{\text{tr}}{\to} E \square W$ Well location address, if different from applicant address (if applicable)	the statements herein, know the contents thereof and state		
	that they are true to my knowledge.		
5. TRACT ON WHICH WELL WILL BE LOCATED	Glenda Tunneed		
A. You must check one of the following - see instructions	Title // Date		
Subdivision: Name	U 10.21.97		
	Office Use Only DWR Map No.		
Lot #Block #Filing/Unit#			
	· · · · · · · · · · · · · · · · · · ·		
Exempt. name/#Tract #			
Mining Claim (attach copy of deed or survey)	`		
Claim name/#			
Other (attach legal description to application)			
B) STATE PARCEL ID# (optional):			
C. # of acres in tract	DIV OF WATER RESOURCES WD 67		
	· · · · · · · · · · · · · · · · · · ·		
	ВА		
THIS WILL BE THE ONLY WELL ON THIS TRACT	USE MD.		
	Form GWS-49 (12/95)		

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HOUSEHOLD USE ONLY - GENERAL INSTRUCTIONS

There are a variety of uses for ground water in Colorado. This form (GWS-49) is to be used when applying for a permit for a NEW well that would be USED FOR ORDINARY HOUSEHOLD USE IN ONE SINGLE-FAMILY DWELLING. This type of well CANNOT be used for outside uses such as the watering of domestic animals and the watering of home gardens and lawns.

This form should not be used in the following cases:

REPLACEMENT of an existing well - Use form GWS-44 If OUTSIDE use is proposed - Use form GWS-44

<u>FEES</u> The application must be submitted with the required \$60 non-refundable filing fee. <u>Checks should be payable to the COLORADO DIVISION OF WATER RESOURCES</u>

Applications are evaluated in chronological order. Please allow approximately six weeks for processing.

APPLICATIONS must be completed clearly, and <u>legibly</u>, in BLACK INK or typed. ALL ITEMS in the application must be completed. Incomplete applications may be returned to the applicant for more information. Do not change or alter this application in any way.

THE LOCATION of the well in item 4 must be correctly and accurately described. The county, quarter/quarter, section, township, range, principal meridian, and distance from section lines must be provided. NOTE: Distances are not necessarily the same distances as the distances from (your) property lines.

For additional assistance in describing the location of your well review the publication entitled "How to Determine Well Locations" which was provided with your packet, or can be requested from any Colorado Division of Water Resource office.

A LEGAL DESCRIPTION of your lot or parcel of land is required in item 5. If your lot is not in a recorded subdivision, attach a copy of a deed or legal description that shows your tract was split from a larger tract prior to June 1, 1972.

An ORIGINAL signature must be on each application. The applicant's authorized agent may sign the application, if a letter <u>signed by the applicant</u> is submitted with the application authorizing them to act as agent for the purpose of obtaining a well permit.

IF YOU HAVE ANY QUESTIONS regarding any item on the application form, please call the Division of Water Resources Ground Water Information Desk (303-866-3587), or the nearest Division of Water Resources Field Office located in Greeley (970-352-8712), Pueblo (719-542-3368), Alamosa (719-589-6683), Montrose (970-249-6622), Glenwood Springs (970-945-5665), Steamboat Springs (970-879-0272), or Durango (970-247-1845).

DETAILED INSTRUCTIONS ARE AVAILABLE UPON REQUEST

COLORADO DIVISION OF WATER RESOURCES, 1313 SHERMAN STREET, ROOM 821, DENVER, CO 80203 PHONE 303-866-3587 (Information), 303-866-3581 (Main), 303-866-3447 (Well & Water Rights Records), 303-866-3589 (Fax)

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A tract of land in the Mast one half of the Southeast Quarter of Section 33. Township 22 South, Pance 45 West of the Sixth Principal Meridian in Prowers County, Coloredo, and being more mericularly described as follows:

Preinhing at the East Quarter Corner of said Section 33; thence South 89°22° 00" West 1153.55 feet along the East/West Centerline of said Section; thence South 02°45' 23" Fast 835.49 feet to the true point of beginning of the tract of lend hence South 82°14' 37" West 173.00 feet; thence South 82°14' 37" West 173.00 feet; thence South 02°45' 23" Fast 251.80 feet; thence Worth 87°14' 37" East 173.00 feet; thence Worth 87°14' 37" East 173.00 feet; thence North 02°45' 23" West 251.80 feet to the point of beginning. Said Tract of land contains 1.00 Acres more or less.

WJR-26-77		MIPIEAD
THIS FORM MUST BE SUBMITTED WITHIN 60 DAYS OF COMPLETION OF THE WORK DESCRIBED HERE- ON. TYPE OR PRINT IN BLACK INK.	1313 Sherman Deriver, WELL COMPLETION AND	NOF WATER RESOURCES PECEIVED n Street - Room 818 MN301989 Colorado 80203 MN301989 PUMP INSTALLATION REPORT MAKE MISSING R151387 MAKE MISSING
WELLOWNER Donald Goo	đ	<u>NW</u> ¼ of the <u></u> ¼ of Sec. <u>33</u> ,
ADDRESS 9618 E. Hwy 5	0 -Box 168, Lamar	<u>, COT 22 S, R. 46 W, 6</u> P.M.
DATE COMPLETEDAugust		88 HOLE DIAMETER
WELL	LOG	8 5/8 in. from 0 to 40 ft.
From To Type and	Wa Color of Material Lo	$\frac{1}{100} \frac{7}{100} \frac{7}{100} \frac{7}{100} \frac{7}{100} \frac{1}{100} \frac{1}$
0 40 surface 40 110 shale 110 124 dry sands 124 198 shale 198 271 Dakota sa 271 280 shale		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
		Perforated Casing Size& kind PVCfromtoft. Size& kindfromtoft. GROUTING RECORD Materialforft. Intervals200200 ' Placement Methodtremmie_pipe GRAVEL PACK: Size Description for the state
TOTAL D Use additional pages nec	EPTH <u>280 '</u>	Length of Test 3 hours Sustained Yield (Metered) 30 GPM Final Pumping Water Level 250 '

	TABLE
VIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	<u> </u>
9	
TOTAL DEPTH	CONE OF DEPRESSION
	H INTAKE PUMPING WATER

CONTRACTORS STATEMENT

4

The undersigned, being duly sworn upon oath, deposes and says that he is the contractor of the well or pump installation described hereon; that he has read the statement made hereon; knows the content thereof, and that the same is true of his own knowledge.

Signature Michael M. Vilauser	License No. <u>144</u>
State of Colorado, County ofProwers	SS
Subscribed and sworn to before me this _28t they of _December My Commission expires:2/4/92/, 19 Notary Public	, 19 <u>88</u> .

FORM TO BE MADE OUT IN QUADRUPLICATE: WHITE FORM must be an original copy on both sides and signed. WHITE AND GREEN copies must be filed with the State Engineer. PINK COPY is for the Owner and YELLOW COPY is for the Drifler.

њ. ,	WMJ-5-Rev. 76 COLORADO DIVISION (818 Centennial Bidg., 1313 Sherr	
		CATION FORM
	Application must REGEIVED () A PERMIT TO U applicable. Type.or print in <u>BLACK</u> NAY 0 6 1988 OR: () A PERMIT TO IN INK. No overstrikes	SE GROUND WATER ONSTRUCT A WELL NSTALL A PUMP 032472 50.00
	or erasures unless democra () REPLACEMENT initialed. () OTHER	FOR NO
	Receipt# 44557 WATER COURT (CASE NO CHEQUE 60.00
٠	(1) APPLICANT - mailing address	FOR OFFICE USE ONLY DO NOT WRITE IN THIS COLUMN
	NAME Donald Good	Receipt No. 87487 CL-1 8A7487
	STREET 9618 E. Hwy. 50 -Box 168	Basin Dist
	CITY Lamar, (CO. 81052 (State) (Zip)	CONDITIONS OF APPROVAL
	TELEPHONE NO. 336-	This well shall be used in such a way as to cause no material injury to existing water rights. The
	(2) LOCATION OF PROPOSED WELL	issuance of the permit does not assure the applicant
		that no injury will occur to another vested water of the right or preclude another owner of a vested water
	County Prowers	right from seeking relief in a civil court action.
	<u>NW</u> 4 of the <u>SE</u> 4, Section <u>233</u> Twp. <u>22</u> <u>S</u> , Rng. <u>46</u> <u>W</u> , <u>6</u> P.M.	ISSUANCE OF THIS PERMIT DOBS NOT CONFER A DECREED WATER RIGHT
•	(N,S) (E,W)	1) APPROVED PURSUANT TO CRS 37-92-602(3)(b)(II)
	(3) WATER USE AND WELL DATA Proposed maximum pumping rate (gpm)	 APPROVED PURSUANT TO CRS 37-92-602(3)(b)(11) (A) AS THE ONLY WELL ON A RESIDENTIAL SITE OF 0.59 ACRES DESCRIBED AS THAT PORTION OF THE W 1/2 OF THE SE 1/4 OF SECTION 33, T22S, R46W OF THE 6TH P.M., PROWERS COUNTY, BEING MORE PARTIC- ULARLY DESCRIBED ON THE ATTACHED EXHIBIT "A".
	Average annual amount of ground water to be appropriated (acre-feet):	2) THE USE OF GROUND WATER FROM THIS WELL IS
	Number of acres to be irrigated:	LIMITED TO ORDINARY HOUSEHOLD PURPOSES INSIDE A SINGLE FAMILY DWELLING AND THE WATERING OF THE USER'S NONCOMMERCIAL DOMESTIC ANIMALS. THE
	Proposed total depth (feet):300	GROUND WATER SHALL NOT BE USED FOR IRRIGATION OR OTHER PURPOSES.
	Aquifer ground water is to be obtained from:	3) THE RETURN FLOW FROM THE USE OF THIS WELL MUST BE THRU AN INDIVIDUAL WASTE WATER DISPOSAL SYSTEM OF THE NON-EVAPORATIVE TYPE WHERE THE WATER IS RETURNED TO THE SAME STREAM SYSTEM IN WHICH THE WELL IS LOCATED.
	Owner's well designation	4) PRODUCTION FROM THIS WELL IS LIMITED TO THE
	GROUND WATER TO BE USED FOR:(X) HOUSEHOLD USE ONLY - no irrigation (0)() DOMESTIC (1)() DOMESTIC (1)() LIVESTOCK (2)() LIVESTOCK (2)() COMMERCIAL (4)() MUNICIPAL (8)	DAKOTA AQUIFER. PLAIN (NON-PERFORATED) CASING MUST BE INSTALLED FROM GROUND SURFACE DOWN TO A MINIMUM DEPTH OF 250 FEET AND PROPERLY SEALED TO PREVENT DIVERSION OF WATER ABOVE THIS DEPTH. THE DEPTH OF THE WELL SHALL NOT EXCEED 330 FEET OR THE BASE OF THE KIOWA SHALE, WHICHEVER COMES FIRST. MU69-98
	() OTHER (9)	APPLICATION APPROVED
	DETAIL THE USE ON BACK IN (11)	DEBMIT NUMBER 151387
-	(4) DRILLER	DATE ISSUED JUN 1 3 1988
	Name Learson Drilling. Inc.	EXPIRATION DATE JUN 1 2 1990
	Street P.O. BOX 1658	1 A A
	city Lamar (0 \$1052	BY
	Telephone No. 336 - 4140_ Lic. No144	1.D. 2-67 COUNTY 50

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RECEIVED	
(5) THE LOCATION OF THE PROPOSED WELL and the area on	(6) THE WELL MUST BE LOCATED BELOW
which the water will be used must be indicated on the diagram below.	by distances from section lines.
Use the CENTER SECTION (1 section, 640 acres) for the well location.	1980 ft. from Such sec. line
1 MILE, 5280 FEET	2280 ft from Carater an sec line
+ + + + + + +	(egst or west)
	(7) TRACT ON WHICH WELL WILL BE
NORTH	LOCATED Owner: Danald Croo
	No. of acres99 Will this b
AST SECTION LINE	the only well on this tract?
	(8) PROPOSED CASING PROGRAM
	Plain Casing
	- in. from $-$ ft. to $-$ ft. to $-$ ft.
+ - + - + - +	Perforated casing
	-5 in. from <u>250</u> ft. to <u>300</u> ft
	in. from ft. to ft.
	(9) FOR REPLACEMENT WELLS give distance and direction from old well and plans for plugging
	it:
HIL NO NOT THE Stale of the diagram is 2 laches = 1 mile	no od well
TO THE REAL OF THE AWATER BOUNDALIENTS TABLE (Bounded Figures)	
An acte-foot covers 1 acte of land, 1 foot deep 1 bubic toot per second (cfs), 499 gallohs per minute (gom) 3 distants of E built second (cfs), 100 gallohs per minute (gom)	
An acte foot covers 1 acte of land 1 foot deep 1 subtc foot per second (cfs)	
(10) LAND ON WHICH GROUND WATER WILL BE USED:	
diviner(s) Davald Good	No. of acres:59
12 4gan description: NOLO 14, 52 14, 33, 325, 461	L), lopm
(11) DETAILED DESCRIPTION of the use of ground water: Househo system to be used.	old use and domestic wells must indicate type of dispos
DATOTA ADIVIDUAL PLAN POLA ADIVIDUAL DATOTA TO THE PARTICLE CARLES	drug to another
CALL - CARAGE BE DONOA LOU DENGARDENDE SERVICE FOR THE AND PROPERTY OF THE AND PROPERT	TH Suppose OF WIAT
(12) OTHER WATER RIGHTS / used ion this land, including wells. Giv	ve Registration and Water Court Case Numbers.
Type or right Used for (purpose)	Description of land on which used
<u>none</u>	
(13) THE APPLICANT (S) STATE (S) THAT THE INFORMATI TRUE TO THE BEST OF HIS KNOWLEDGE.	ON SET FORTH HEREON IS
Similal & Source.	
SIGNATURE OF APPLICANT(S)	

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Best Copy Available

by

WITNESS my hand and official seal.

My commission expires

393150 DODEDT POCK 523 ROBERT ESGAR 209 **主义的 的复数**变量 , and the GRANTOR warrants the title to the property, except for any pa erticular matters d below under "Additional Warranty Exceptions" and except for the lien of the general property taxes for the year of this Deed, and except for any of the following matters evidenced or established by recorded document: easements, rights-of-way, mineral reservations or grants, mineral leases, and protective covenants and restrictions. If the Grantor intends this Deed to convey less they his entire interest in the Property or if the Grantor intends to impose restrictions on the Grantee's use of the Property, then appropriate language has been added belo ations And/Or Restrictions". If there are two to more Grantees named in this Deed, they are accepting this conveyance as tenants in o with right of survivorship," or "joint tenancy" have been added before under "Porm of Co-ownership. The Grantor acknowledges that there is good and/or valuable consideration for this Deed, and that the consideration is ade ite the indication of in that the stated on ount is the only con iow und ration for this Deed, and the • "Cor wily n ration" dos is not nec absence of a stated amount under "Consideration" is not intended to indicate that there is no conside n for this Dued. The following information completes this Deed: GRANTOR: (Give Name(s), Address(es), and Marital Status) Charles Nunnery and Shirlene Nunnery Route 2, Box 37 Lamar, Colorado 81052 David G. King and Debora A. King Route 2, Box 17 GRANTEE: (Give Name(s), Address(es) Lamar, Colorado 81052 Joint tenancy FORM OF CO-OWNERSHIP: PROPERTY DESCRIPTION: A tract of land in the West half (W3) Southeast Quarter (SE%) in Section Thirty-three (33), Township Twenty-two (22) South, Range Forty-six (46) West of the Sixth Principal Meridian, more particularly described as follows: Beginning at a point on the South line of that certain tract of land deeded to the Board of County Commissioners by Deed recorded in Book 266, Page 180, Provers County, more Colorado records, which said point is 671 feet westerly from the Southeast corner of said tract; thence Westerly along the South right of way line of said tract a distance of 160 feet to a point; thence Southerly along a line parallel to the east line of said W2SEX a distance of 160 feet to a point; thence Easterly along a line parallel to the South line of said tract a distance of 160 feet to a point; thence Northerly along a line parallel to the east line of said W₂SE¹/₂ a distance of 160 feet to the point of beginning. PROPERTY ADDRESS: Route 2, Lamar, Colorado 81052 CONSIDERATION: Ten dollars and other valuable consideration Existing easements and rights of RESERVATIONS AND/OR RESTRICTIONS: (If none, leave blank) way, exigencies of special districts, and taxes for the year 1977 which grantees assume and agree to pay. ADDITIONAL WARRANTY EXCEPTIONS: (If none, leave blank) Signed on December 14, 19 77 unner Gramor STATE OF COLORADO) SS. COUNT FOR PROVERS) SS. Under State Shirlene Nunriery Gi itor . 1977 December WENDS methand and official ral My commission expires July 21, 1980 STATE OF COUNTY OF E XHIB $\Gamma^{i\rightarrow}$ foregoing instrument was acknowledged befo

Notary Public



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COMPILED BY THE GUARANTY ABSTRACT COMPANY LAMAR. COLORADO

ABSTRACT NO . I I A. I

ENTRY NO. 1

ABSTRACT OF TITLE TO

A tract of land in the West half $(W_{\overline{2}}^{1})$ Southeast $(SE_{\overline{4}}^{1})$ in Section Thirty-three (33), Township Twenty-two (22) South, Range Forty-six (46) West of the Sixth (6th) Principal Meridian, more particularly described as follows:

Beginning at a point on the South line of that certain tract of land deeded to the Board of County Commissioners by Deed recorded in Book 266, page 180, Prowers County, Colorado records, which said point is 671 feet westerly from the Southeast corner of said tract;

thence Westerly along the South right of way line of said tract a distance of 160 feet to a point;

thence Southerly along a line parallel to the east line of said $W_2^1SE_L^1$ a distance of 160 feet to a point;

thence Easterly along a line parallel to the South line of said tract a distance of 160 feet to a point;

thence Northerly along a line parallel to the east line of said $W_2^{\frac{1}{2}}SE_u^{\frac{1}{2}}$ a distance of 160 feet to the point of beginning.

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PAGE 1B

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AWE 5/8/87

15B851

LAND USE ADMINISTRATION

PROWERS COUNTY PHONE719-336-9769 LAMAR, COLORADO 81052

MAY 0 6 1988

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April 28, 1988

Division of Water Resources 1313 Sherman St. Room 818 Denver, CO 80203

TO WHOM IT MAY CONCERN:

The Pearson Drilling Company has requested the Prowers County Land Use Administration Office to send you information in regard to a water well they would like to drill for Mr. Don Good located in the Northwest Quarter, Southeast Quarter of Section 33, Township 22 South, Range 46 West (NWLSEL 33-22-46) consisting of .59 acre. This acreage was subdivided in March of 1968 so therefore does not require a subdivision exemption from the provisions of Senate Bill 35.

If you desire any additional information, please feel free to contact our office.

Sincerely,

luttay

Glen Murray Prowers County Land Use Administrator

GM/rb

ROY ROMER Governor



JERIS A. DANIELSON State Engineer

OFFICE OF THE STATE ENGINEER

DIVISION OF WATER RESOURCES

1313 Sherman Street-Room 818 Denver, Colorado 80203 (303) 866-3581

To: Donald Good Receipt No.: 87487 From: Melanie Wood Date: May 16, 1988

Your application for a permit to construct a well is being returned for the reasons listed below.

The information and/or documentation requested is required before we can proceed further with the evaluation of your application.

All corrections you make to the application must be typed or printed in <u>BLACK</u> <u>INK</u>. Please initial and date all changes.

Feel free to contact this office if you have any questions.

Please submit a legal description (from your deed) or surveyor's plat describing the 0.59 acres that you own.

Withdrawn application for Debra King filed in CF

Melane -This application us a part of the Debbie Jing permet application. all the nécessary informa-tion shauld be there when you put the

. * *

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Form No. GWS-25

APPLICANT

OFFICE OF THE STATE ENGINEER COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

(303) 866-3581

WELL	PERMIT NUMBER	233713	<u>3 </u>	
DIV.	2 WD 67	DES. BASIN	MD	

APPROVED WELL LOCATION

PROWERS COUNTY NW 1/4 SW 1/4 Section 33 Township 22 S Range 46 W Sixth P.M.

1 R

CHARLES NUNNERY 9820 HWY 50 LAMAR, CO 81052-

DISTANCES FROM SECTION LINES

2100 Ft. from SouthSection Line720 Ft. from WestSection Line

UTM COORDINATES

Northing:

(719) 336-2250 REGISTRATION OF EXISTING WELL

Easting:

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) This well is recorded and permit approved in accordance with CRS 37-92-602(5) for historic use as indicated herein and described in CRS 37-92-602(1)(e), being a well producing 50 GPM and used for ordinary household purposes inside three single family dwelling(s), fire protection, and the irrigation of not more than 2,000 square feet of home gardens and lawns.
- 4) The date of first beneficial use, as claimed by the applicant, is 1910.

NOTICE: This permit has been approved subject to the following changes: the uses of water from this well were changed to be consistent with those uses specified on the field inspection report dated May 10, 2001. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

05/24/2001

APPROVED MPS

Receipt No. 0476557A

State Engineer

DATE ISSUED MA

By EXPIRATION DATE

5 2001

Form No. **GWS-25**

OFFICE OF THE STATE ENGINEER COLORADO DIVISION OF WATER RESOURCES 818 Centennial Bldg., 1313 Sherman St., Denver, Colorado 80203

(303) 866-3581

WELL PER	MIT NUMBER	23371	3	$\underline{-\mathcal{A}}$	
DIV. 2	WD 67	DES. BASIN	MD		

Northing:

APPLICANT

APPROVED WELL LOCATION

PROWERS COUNTY NW 1/4 SW 1/4 Section 33 Township 22 S Range 46 W Sixth P.M.

Easting:

Mps 05/24/2001

110

DISTANCES FROM SECTION LINES

Section Line 2100 Ft. from South Section Line 700 Ft from West UTM COORDINATES

(719) 336-2250 PERMIT TO CONSTRUCT A WELL

LAMAR, CO 81052-

CHARLES NUNNERY

9820 HWY 50

ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT
CONDITIONS OF APPROVAL

- This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit 1) does not assure the applicant that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval 2) of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-92-602(3)(c) for the relocation of an existing well, permit no. _______ 3) The old well must be plugged in accordance with Rule 16 of the Water Well Construction Rules within ninety (90) days of completion of the new well. The enclosed Well Abandonment Report form must be completed and submitted to affirm that the old well was plugged.
- The use of ground water from this well is limited to fire protection, ordinary household purposes inside not more than 4) three single family dwelling(s), the irrigation of not more than 2,000 square feet of home gardens and lawns.
- Production from this well is restricted to the Dakota aquifer, which corresponds to the interval between 160 feet and 350 5) feet below the ground surface. Plain casing shall be installed and grouted to prevent production from other zones.
- The maximum pumping rate of this well shall not exceed 50 GPM. 6)
- This well shall be constructed not more than 200 feet from the location specified on this permit. 7)

NOTICE: This permit has been approved subject to the following changes: the uses of water from this well were changed to be consistent with those uses specified on the field inspection report dated May 10, 2001. You are hereby notified that you have the right to appeal the issuance of this permit, by filing a written request with this office within sixty (60) days of the date of issuance, pursuant to the State Administrative Procedures Act. (See Section 24-4-104 through 106, C.R.S.)

	7	
APPROVED MPS Receipt No. 0476557B	State Engineer DATE ISSUED MAY 2 5 2001	Mill PSchall By EXPIRATION DATMAY 2 5 2003

	ORM NO. GWS-32	PUMP INSTALLATION AND TEST REPORT	En Official I				
	10/94	STATE OF COLORADO, OFFICE OF THE STATE ENGINEER	For Office Use only 04765578				
1	I. WE	LL PERMIT NUMBER 233713-4	RECEIVED				
2	2 OWN Mailir	ER NAME(S) Charles Nunnergy	JUL 2 0 2001				
	Crty,	st. zip Lamar, 01 \$1052 e(719) 336. 2250	WATER RESOURCES STATE ENGINEER COLO.				
3	210 Sube	LOCATION AS DRILLED: AW 1/4 $5w$ 1/4, Sec. 33 Twp. 2 NCES FROM SEC. LINES: Dft. from South Sec. line. and 700 ft. from We (east or for ft. from LOC) ft. from LOC	Sec line				
4			· · · · · · · · · · · · · · · · · · ·				
-	Pump Desig Pump	DATA: Type Submore is a log Installation Manufacturer Star - Rite Pump n GPM HF 10 at RPM , HP .5 , Volts Intake Depth 320 Feet, Drop/Column Pipe Size 1.25 I	Completed (0.29.0] Model No. 1004F02 H 230_, Full Load Amps nches, Kind				
		IONAL INFORMATION FOR PUMPS GREATER THAT 50 GPM:					
	Desig						
5.	- ·	Headfeet, Number of Stages, Shaft s	ize inches.				
	Airline Flow M	Installed Yes No, Orifice Depth ft Monitor Tube Ins leter Mfg Meter Serial No					
-	Meter	Readout 🔲 Gallons, 🛄 Thousand Gallons, 🗌 Acre feet, 🛄 Begin	ning Reading				
6.		Vell Depth 340 Time	ai Form.				
	Static Date N	Level <u>240</u> Rate (GPM) <u>70</u> leasured <u>6:29:01</u> Pumping Lvl. <u>326</u>					
7.	DISINF	ECTION: Type Chlorine ablets Amt. Used	100 p.D.M.				
8.	Water	Quality analysis available. Yes	• • •				
9.	Remar	(S					
	In the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class [] misdemeanor.]						
Ma	CONTRACTOR MIChael K. HUGRSON Phone (119)336.4140 Lic. No. 144. Mailing Address DO BOX 1658, La Mair, CO \$1052						
Na M	me/Title	(Please type or print) Signature	V_{e} $T \cdot [7.0]$				

COLORADO DIVISION OF WA		Office Use Only		Form GWS-44 (1/2001)
DEPARTMENT OF NATURAL			L	
1313 SHERMAN ST., RM 818, phone – info: (303) 866-3587 mai				
fax: (303) 866-3589 http://ww			BEC	FIVER
RESIDENTIAL Note: Als	o use this form to apply for livestock watering	l		•
Water Well Permit			MAY	2 1 2001
Review instructions on reverse s				
The form must be completed in b				ENGINEER
1. Applicant Information	· •	6. Use Of Well (ch	eck applicable boxes	pro.
Name of applicant		See instructions to determine use(s) for which you may qualify		
Mailing address	nnery	A. Ordinary house (no outside use	hold use in one single-fam	ily dwelling
19820 Hun F	$\hat{\mathbf{D}}$			
City S	tate Zip code	B. Ordinary house Number of dw	hold use in 1 to 3 single-f	amily dwellings:
Lamae !!	0 81052		·	-
Telephone #		Home garde	en/lawn irrigation, not to e ed I & X M M M	exceed one acre:
2. Type Of Application (cho	ack applicable boxes)			
Construct new well			nimal watering - (non-con	
Preplace existing well	Change or mcrease use	C. Livestock wate	ring (on farm/ranch/range/	(pasture)
Change source (aquifer)	Reapplication (expired permit)	7. Well Data (prop	osed)	
Other:	·	Maximum pumping rate	gpm Annual amount	to be withdrawn acre-feet
3. Refer To (if applicable)	Water Court case #	Total depth	Aquiter 1/	
vveu perniit #		$-\frac{3}{2}$	feet Dak)ta
Designated Basin Determination #	Well name or #	8. Water Supplier		
l		Is this parcel within bo If yes, provide name of	undaries of a water servic f supplier:	e area? 📋 YES 🛃 NO
4. Location Of Proposed W	ell			
County	NW 1/4 of the SW 1/4	9. Type Of Sewage System		
Section Township Nor S	Range E or W Principal Meridian	Septic tank / absorption leach field		
133 22 DB	TALO DE LA	Central system: District name: Vault: Location sewage to be hauled to:		
Distance of well from section lines (section li				
For replacement wells only – distance and di		Other (attach copy	of engineering design and	d report)
Por replacement wells only - distance and of	East direction	10. Proposed Wel	I Driller License #(opt	ional):
Well location address (if applicable)		11. Signature Of /	Applicant(s) Or Autho	orized Agent
			atements herein constitute	
Optional: GPS well location information Required settings for GPS units are as	-		hable as a class 1 misdem a). I have read the statem	
Format must be UTM		contents thereof and s	tate that they are true to	
Zone must be13	Northing	Sign here (Must be original sig	jnature)	Date
Units must be Meters Datum must be NAD27 (CONUS)	Faction	Marles.	mining	5-10-01
Unit must be set to true north	Easting	Print name & title		
Were points averaged? YES NO		1 DAPUD	Nunnery	, CLONER
5. Parcel On Which Well W	/ill Be Located	Office Use Only		
A.You must check and complete	one of the following:	USGS map name	DWR map no.	Surface elev
,	-			3605
Lot Block _	Filing/Unit	Dakok Cheyung	Receipt area only	
County exemption (attach co	opy of county approval & survey):		<u>م</u> .	
	Lot #		Invoice # 476557 - B	
	ot in a subdivision, attach a deed with		5/21/01 8:20:45 AM Cashier ID: 01	ł
· · · · · · · · · · · · · · · · · · ·	n recorded prior to June 1, 1972		\$ 68.80	
Mining claim (attach a copy of th Name/#		4	Check Purchase- #4463	
Square 40 acre parcel as described in Item 4		pa K.	THERE CHIEFWAR RITES	
	WE			
B. # of acres in parcel	ription or survey and supporting documents) C. Are you the owner of this parcel?	WR		•
• 8	YES NO (if no - see instructions)	СМСВ		
	YES NO (if no - list other wells)	торо		/
	· · · · · · · · · · · · · · · · · · ·			/
E. State Parcel ID# (optional):		MYLAR	DIV 2 WD	107
		SB5		<u></u>

FORM NO. WELL CONSTRUCTION AND TEST R GWS-31 STATE OF COLORADO, OFFICE OF THE STATE E	
1. WELL PERMIT NUMBER 233713-A	
2 OWNER NAME (S) [harles Dunnery	JUL 2 0 2001
Mailing Address 9820 Huly 50 City, St. Zip $hamar$, CD 81052 Phone (719) 3310 , 2250	WATER RESOURCES STATE ENGINEER COLO.
3. WELL LOCATION AS DRILLED: NW 1/4 SW 1/4, Sec. 33 Twp. 22 S, Range 4(0 W). DISTANCES FROM SEC. LINES: DISTANCES FROM SEC. LINES: 2100 ft. from South Sec. line. and 100 ft. from West SUBDIVISION: LOT BLOCK FILING(UNIT) STREET ADDRESS AT WELL LOCATION:	
4. GROUND SURFACE ELEVATION IT. DRILLING METHOD ROTARy	
DATE COMPLETED 6.2.01 . TOTAL DEPTH 340 ft. DEPTH COMPLETED 340 ft.	
5. GEOLOGIC LOG: Depth Description of Material (Type, Size, Color, Water Location)	6. HOLE DIAM. (in.) From (ft) To (ft) $13^{1/4}$ O 40 $7^{7/8}$ 40 340
0 10 Top Sail	
10 33 Kiversand + Bock 33 36 Sandstone	7. PLAIN CASING OD (in) Kind Wall Size From(tt) To(tt) 8518 Steel 260 +1 40
36 216 Shall	$\frac{3}{3} \xrightarrow{\text{PVC}} \frac{1}{230} \xrightarrow{\text{H}} \frac{1}{230}$
216 300 Dirtin Sandstone 300 321 Sandstone	PERF. CASING: Screen Slot Size: 50,000 5 PVC . 250 280 340
3a1 340 Shall	
	8. FILTER PACK: 9. PACKER PLACEMENT: Material GR0102 Size 14 Interval 260-340 Depth
	10. GROUTING RECORD:
REMARKS:	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	·
11 DISINFECTION: Type ChloRine Amt. Used 100 ppm	
12 WELL TEST DATA: Check box if Test Data is submitted on Form No. GWS 39 Supplemental Well Test. TESTING METHOD Boi UC Static Level 240 ft. Date/Time measured $(0 \cdot 21 \cdot 0)$, Production Rate 5 Pumping level 300 ft. Date/Time measured $(0 \cdot 21 \cdot 0)$, Test length (hrs.) 3 Remarks	
13. I have read the statements made herein and know the contents thereof, and that they are true to my knowledge. [Pursuant to Section 24-4-104 (13)(a) C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a class 1 misdemeanor.] CONTRACTOR MICHOL K. HOARSON Phone (119). 33(0.4140 Lic. No. 144.	
CONTRACTOR Michay K. Marghon Phone (119) 336.4140 Lic. No. 144. Mailing Address PO Box 1658 hamar, CO 81052	
Name/Title (Please type or print) Signature	han DR anen (0.27.0)